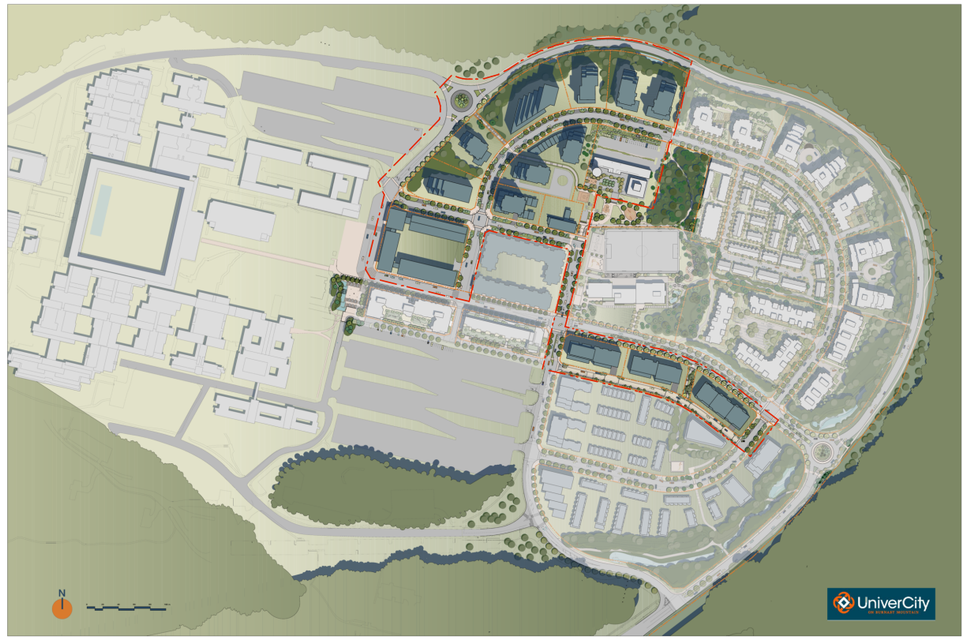


UniverCity
ON BURNABY MOUNTAIN

# UniverCity Phase 3

## RZ-300 Series for Bonding Purposes

## Prepared by SFU Community Trust

July 26, 2010 Revision 1
Submission to the City of Burnaby

UniverCity
ON BURNABY MOUNTAIN

# UniverCity Phase 3

# Conceptual Development Plans & Development Statistics

July 26, 2010 Revision 1
Submission to the City of Burnaby


RZ 300 Phase 3 Public Realm Landscape Plan for Bonding Purposes
RZ 301 Phase 3 Public Walkways Plans
RZ 302 Phase 3 East Campus Road Planting Plan
RZ 303 Phase 3 East Campus Road Round About
RZ 304 Phase 3 Slopes Mews Materials Plan
RZ 305 Phase 3 Slopes Mews Planting Plan
RZ 306 Phase 3 University Cresent Planting Plan
RZ 307 Phase 3 University Cresent Planting Plan
RZ 308 Phase 3 Highland Court and Tower Road Planting Plan
RZ 309 Phase 3 Highland Court and Tower Road Planting Plan
RZ 310 Phase 3 Tower Road and University Cresent South Planting Plan
RZ 311 Phase 3 High Street Between Tower Road and University Cresent Planting Plan



PWL partnership

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Vancouver BC Canada V6E 2V2

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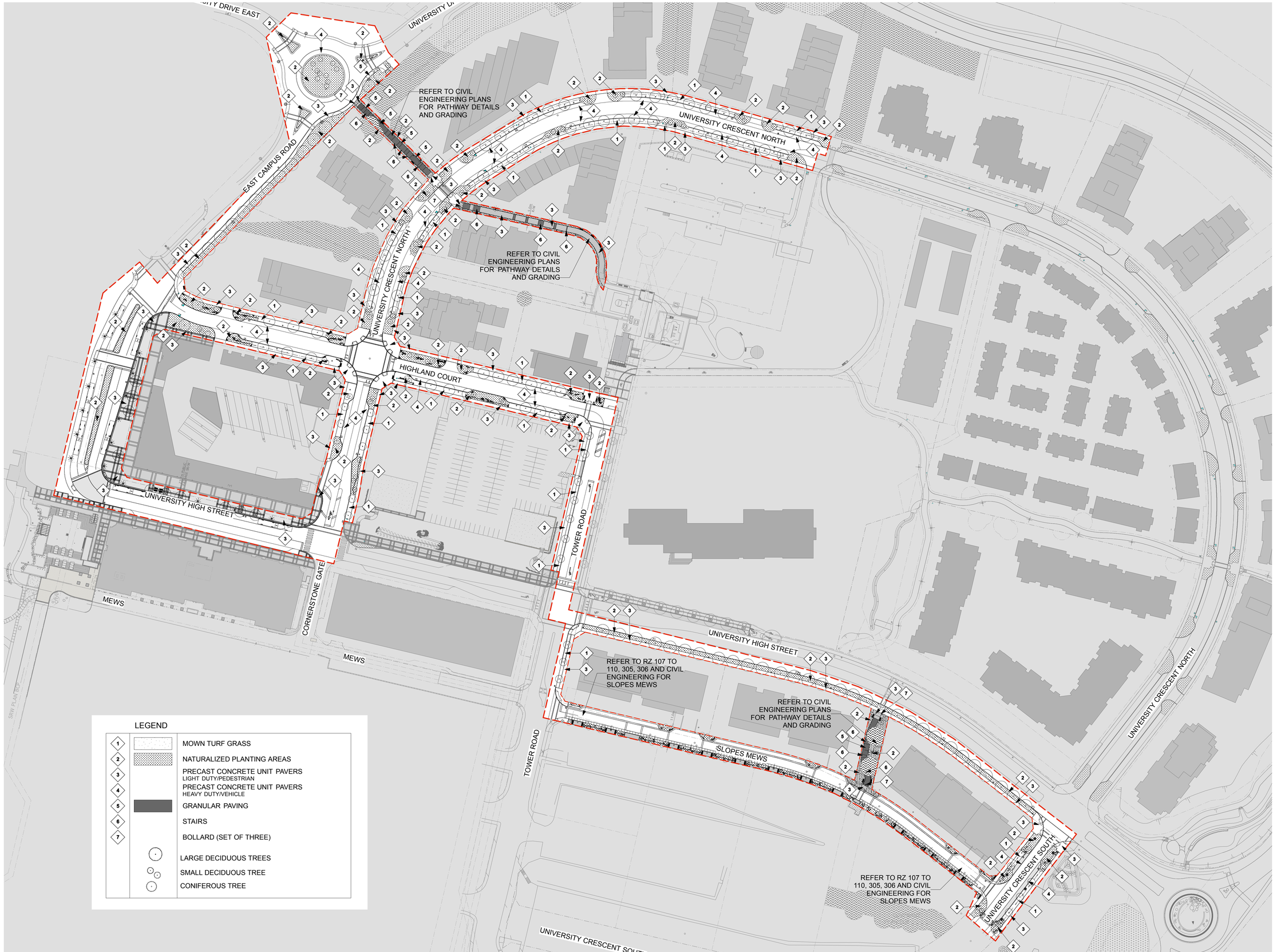
architects + urbanistes

HunterLaird ENGINEERING LTD.

Butler Sundvick & Assoc. / Dyck & Associates

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REVISIONS AND ISSUES

| NO. | DATE | DESCRIPTION |
|---|---|---|
| 0 | 2008/07/10 | Issued for Review |
| 01 | 2008/08/08 | Reissued for Rezoning Application |
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| 03 | 2009/06/26 | Issued for Review |
| 04 | 2009/08/27 | Issued for Review |
| 05 | 2010/05/26 | Issued to City |
| 06 | 2010/07/07 | Issue for Final Submission |
| 07 | 2010/07/26 | Issued for Final Submission |
| 08 | 2010/07/26 | Revision 1 |

PROJECT

**Phase 3**

UniverCity ON BURNABY MOUNTAIN

DRAWING TITLE

# Phase 3 Public Realm Landscape Plan

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NORTH

SCALE 1:850

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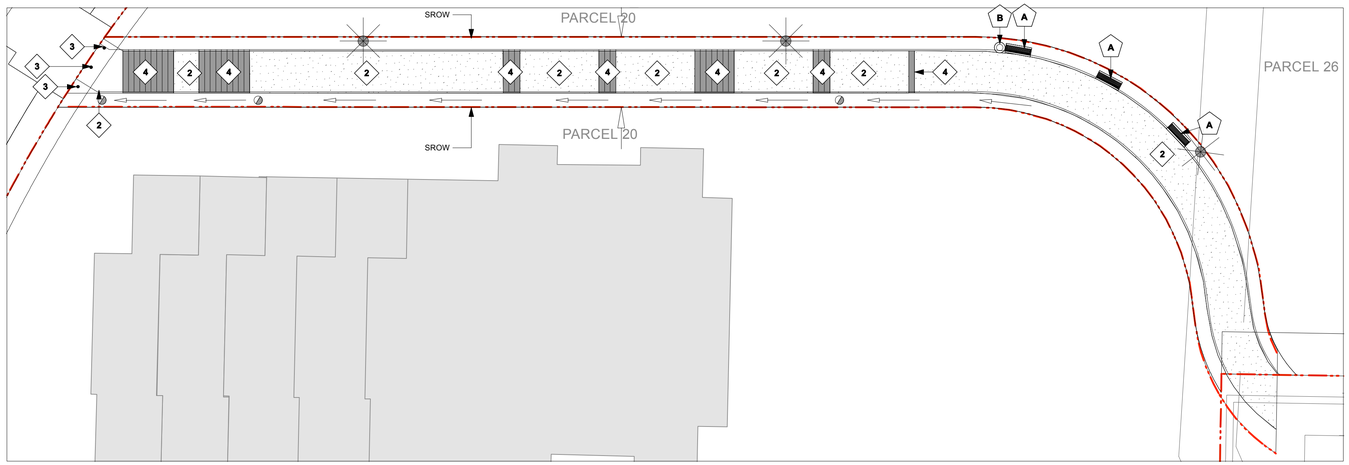
| REVIEWED | JW |

DRAWING

# RZ-300



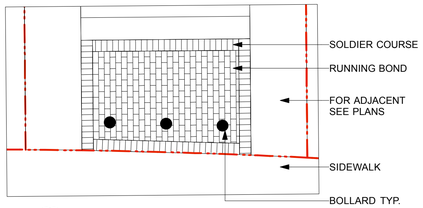

1 Materials Plan: Parcel 20 SROW Path
1:200

**MATERIALS LEGEND**

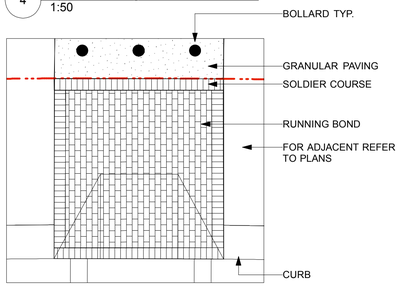
| | |
|---|---|
| 1 | **GRANULAR PAVING WITH ORGANIC BINDER** |
| 2 | **PRECAST CONCRETE UNIT PAVERS** RUNNING BOND PARALLEL WITH TRAFFIC WITH SINGLE SOLDIER COURSE PERIMETER SFU TAUPE, STANDARD SIZE |
| 3 | **SFU BOLLARD** BLACK |
| 4 | **STAIRS** REFER TO CIVIL DRAWINGS |

**FURNISHINGS LEGEND**

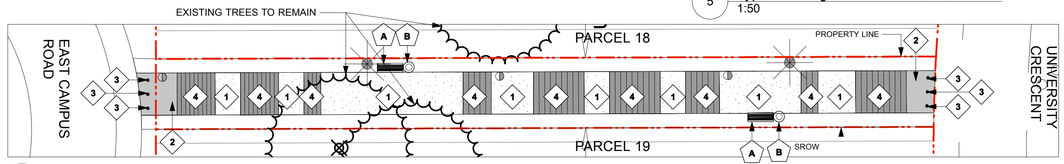
| | |
|---|---|
| A | **GRETCHEN BENCH** |
| B | **TRASH RECEPTACLE** |



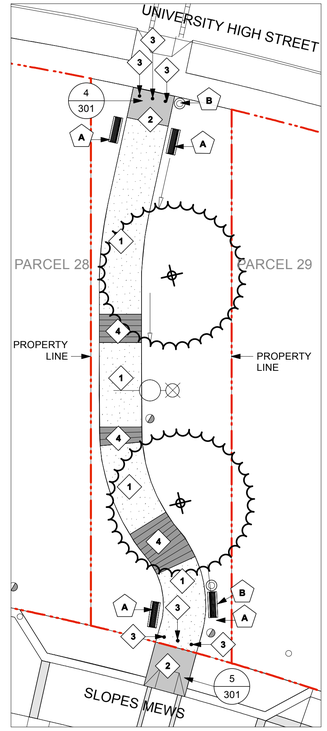

4 Typical Paving at Bollards
1:50



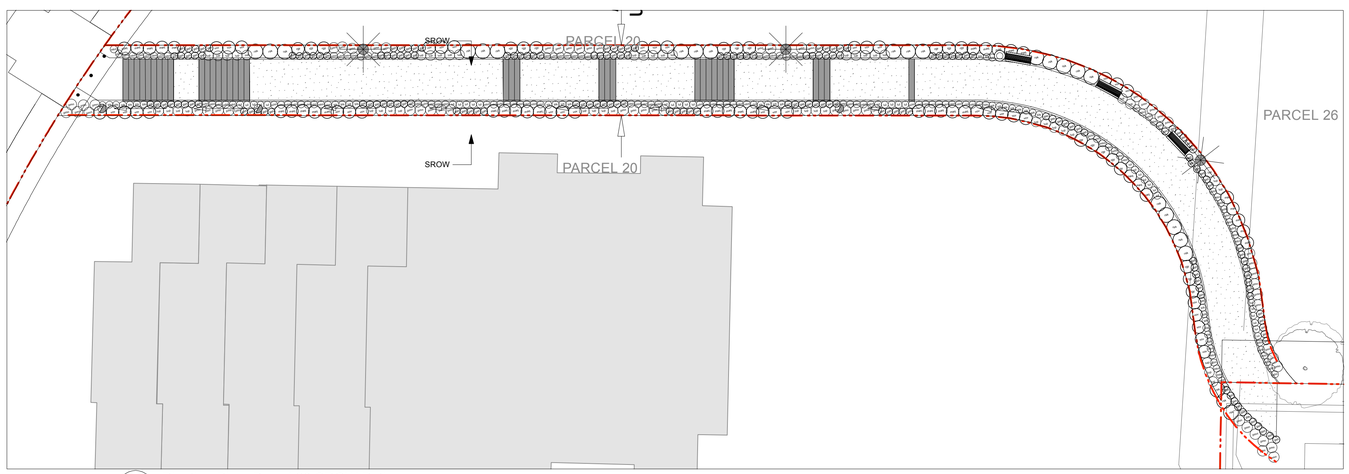

5 Typical Paving Detail at Curb Let Down
1:50




2 Materials Plan: Parcels 18/19 SROW Path
1:200




3 Materials Plan: Parcels 28/29 Park Path
1:200




6 Planting Plan: Parcel 20 SROW Path
1:200

## CITY OF BURNABY GENERAL PLANTING NOTES:

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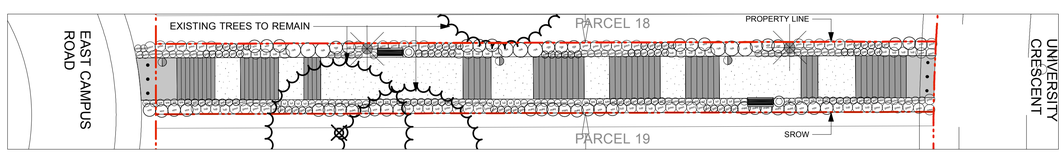
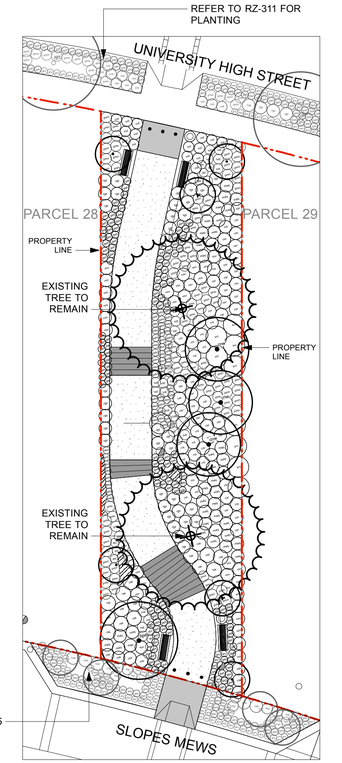
8. PLANT LIST IS TO BE READ IN CONJUNCTION WITH SPECIFICATION SECTION 02950.
9. PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR IS TO CONFIRM THE AVAILABILITY OF PLANT MATERIAL AS PER SECTION 02950. PLANT SUBSTITUTIONS NOT CONFIRMED WITH THE CONSULTANT IN WRITING WILL BE REJECTED.




7 Planting Plan: Parcel 18/19 SROW Path
1:200




8 Planting Plan: Parcel 28/29 Park Path
1:200

# Plant List

*SFU Rezoning: Public Walkways*

| ID | Qty. | Botanical Name | Common Name | Min. Size | Spacing | Remarks |
|---|---|---|---|---|---|---|
| **Trees** | | | | | | |
| acr | 4 | Acer circinatum | Vine Maple | 3.0 m ht. (10' 0" ht.) | As Shown | B&B, Nursery grown, minimum 3 stems |
| aal | 2 | Amelanchier alnifolia | Saskatoon Serviceberry | 3.0 m ht. (9'-0" ht.) | As Shown | B&B, Multi-stemmed, dense tree, nursery grown. |
| bpa | 1 | Betula papyrifera | Paper Birch | 7 cm cal. (2 1/2" cal.) | As Shown | B&B, Single or Multi-stem, nursery grown. |
| cnw | 3 | Cornus nuttallii 'Eddie's White Wonder' | Eddie's White Wonder Dogwood | 5 cm cal. (2" cal.) | As Shown | B&B, Well branched, dense tree |
| **Shrubs** | | | | | | |
| csr | 40 | Cornus sericea | Red-osier Dogwood | #2 pot | 90 cm (36") | Nursery grown, well established. |
| csk | 5 | Cornus sericea 'Kelseyii' | Kelseyii Dogwood | #2 pot | 60 cm (24") | Nursery grown, well established |
| gsh | 404 | Gaultheria shallon | Salal | #1 pot | 50 cm (20") | |
| maq | 91 | Mahonia aquifolium | Oregon Grape | #2 pot | 90 cm (35") | Nursery grown, well established |
| rsk | 50 | Ribes sanguineum 'King Edward VII' | King Edward VII Flowering Currant | #2 pot | 107 cm (42") | |
| rsy | 64 | Rosa pyrinocarpa | Baldhip Rose | #2 pot | 90 cm (36) | |
| rnt | 21 | Rosa nutkana | Nootka Rose | #2 pot | 90 cm (35") | Nursery grown, well established |
| src | 9 | Sambucus racemosa | Elderberry | #2 pot | 107 cm (42") | Nursery grown, well established |
| vov | 100 | Vaccinium ovatum | Evergreen Huckleberry | #2 pot | 90 cm (36") | Nursery grown, well established |
| vot | 15 | Vaccinium ovatum 'Thunderbird' | Thunderbird Evergreen Huckleberry | #2 pot | 75 cm (30") | Nursery grown, well established |
| **Ground Covers** | | | | | | |
| arc | 9 | Arctostaphylos uva-ursi | Kinnikinnik | #1 pot | 45 cm (18") | Nursery grown, well established |
| dic | 11 | Dicentra formosa | Native Bleeding Heart | | 60 cm (24") | Nursery grown, well established |
| lul | 48 | Lupinus littoralis | Seashore Lupine | | 50 cm (20") | Nursery grown, well established |
| lup | 108 | Lupinus polyphyllus | Blue Lupine | | 70 cm (28") | Nursery grown, well established. |
| mhn | 254 | Mahonia nervosa | Cascade Oregon Grape | | 50 cm (20") | Nursery grown, well established |
| **Perennials, Ferns and Ornamental Grasses** | | | | | | |
| bls | 57 | Blechnum spicant | Deer Fern | #2 pot | 50 cm (20") | |
| pmn | 204 | Polystichum munitum | Western Sword Fern | #2 pot | 75 cm (30") | Nursery grown, well established. |


PWL partnership

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REVISIONS AND ISSUES

| NO. | DATE | DESCRIPTION |
|---|---|---|
| 0 | 2008/09/17 | Issued for Review |
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| 02 | 2009/08/27 | Issued for Review |
| 03 | 2010/05/26 | Issued to the City |
| 04 | 2010/07/07 | Issued for Final Submission |
| 05 | 2010/07/26 | Issued for Final Submission |

PROJECT

**PHASE 3**

UniverCity ON BURNABY MOUNTAIN

DRAWING TITLE

Phase 3
Public Walkway Plans


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NORTH

SCALE **As Shown At Arch D**

| | |
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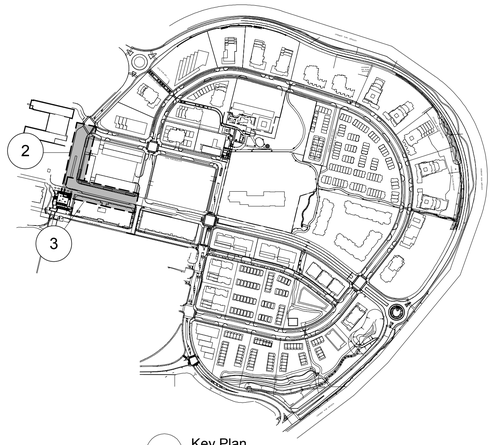
RZ-301

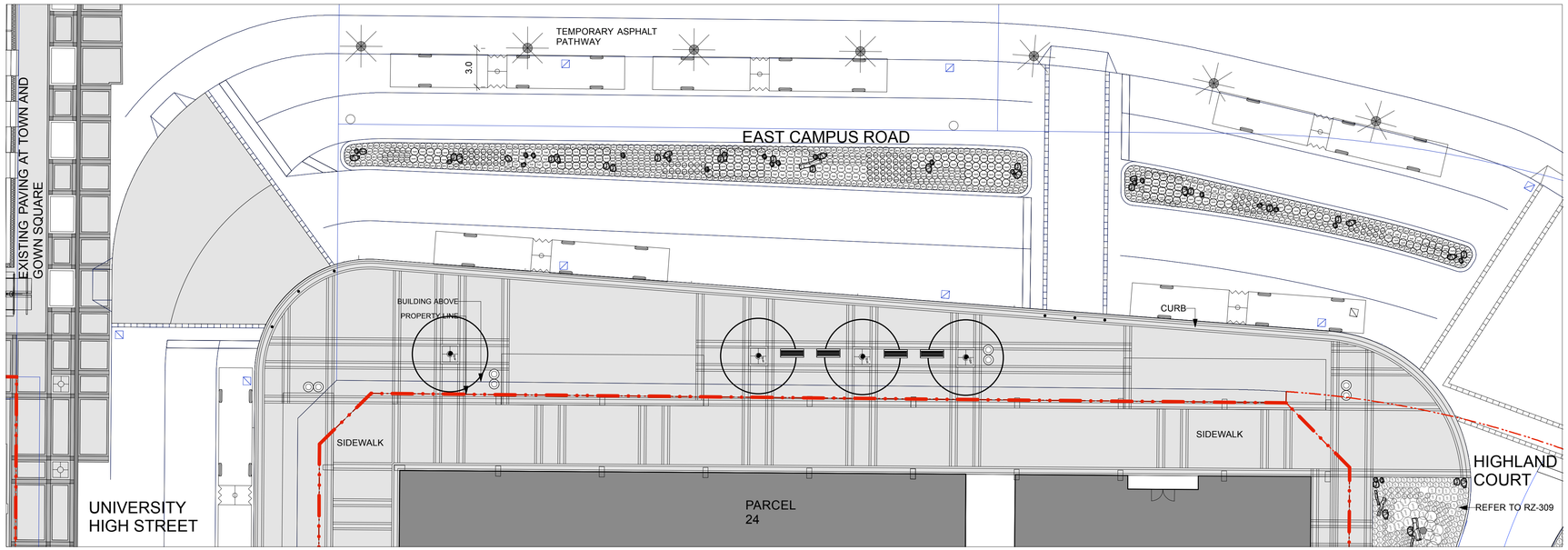



1 Key Plan

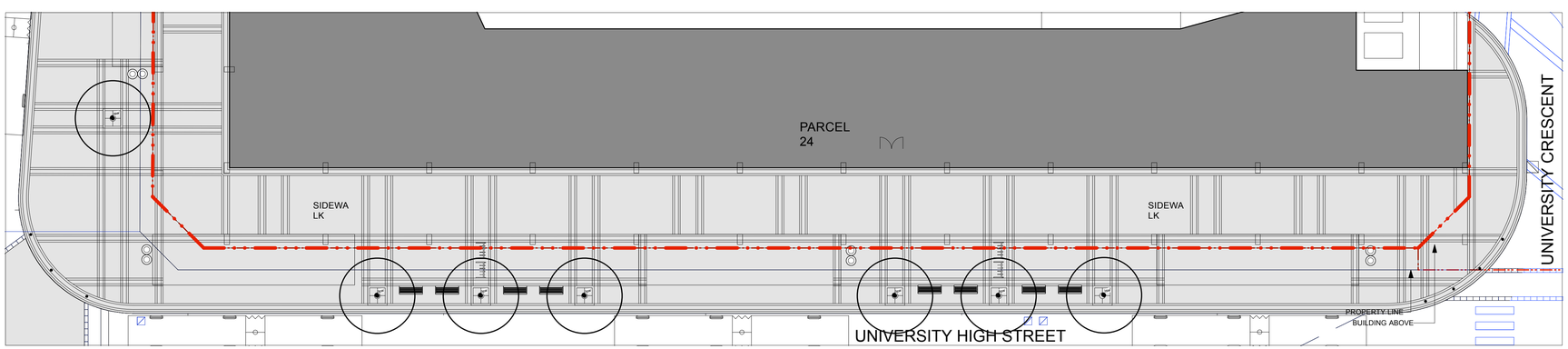
# Plant List

*0825: SFU Phase 3 Parcel 24 Bus Plaza*

| ID | Qty. | Botanical Name | Common Name | Min. Size | Spacing | Remarks |
|---|---|---|---|---|---|---|
| **Trees** | | | | | | |
| lsw | 10 | Liquidambar styraciflua 'Worpelsdon' | Worpelsdon Sweetgum | 8 cm cal. (3" cal.) | As Shown | B&B, Uniform branching, dense tree, 7' (2.1 m) std. |
| **Shrubs** | | | | | | |
| gsh | 100 | Gaultheria shallon | Salal | #1 pot | 50 cm (20") | |
| rsm | 146 | Rosa meidiland Meidomanac | Meidiland Floral Carpet | #1 pot | 60 cm (24") | |
| **Ground Covers** | | | | | | |
| arc | 403 | Arctostaphylos uva-ursi | Kinnikinnik | #1 pot | 45 cm (18") | Nursery grown, well established |
| **Perennials, Ferns and Ornamental Grasses** | | | | | | |
| hel | 71 | Helictotrichon sempervirens | Blue Oat Grass | #1 pot, 6" leads | 60 cm (24") | Nursery grown, well established |
| pen | 119 | Pennisetum alopecuroides 'Hameln' | Dwarf Fountain Grass | #1 pot, 6"leads | 45cm (18") | Nursery grown, well established |




2 East Campus Road at Bus Plaza
1:200




3 University High Street at Bus Plaza
1:200

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| 5 | 2010/07/26 | Issued for Final Submission |

PROJECT

**Phase 3**

DRAWING TITLE

Phase 3
Parcel 24 Bus Plaza

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NORTH

SCALE 1:200

| | |
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| PROJECT NO. | 0824 |
| DATE | July 26,2010 |
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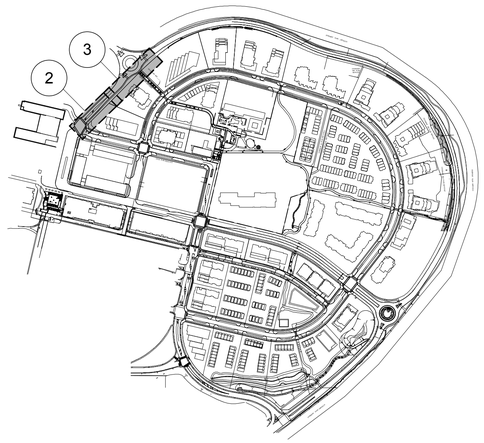
RZ-302




1 Key Plan

# Plant List

*SFU Rezoning: East Campus Road*

| | ID | Qty. | Botanical Name | Common Name | Min. Size | Spacing | Remarks |
|---|---|---|---|---|---|---|---|
| **Trees** | | | | | | | |
| | acr | 3 | Acer circinatum | Vine Maple | 3.0 m ht. (10' 0" ht.) | As Shown | B&B, Nursery grown, minimum 3 stems |
| | qcc | 16 | Quercus coccinea | Scarlet Oak | 8 cm cal. (3" cal.) | As Shown | B&B, Uniform branching, dense tree, 7' (2.1 m) s |
| **Shrubs** | | | | | | | |
| | csk | 106 | Cornus sericea 'Kelseyii' | Kelseyii Dogwood | #2 pot | 60 cm (24") | Nursery grown, well established |
| | rgy | 134 | Rosa gymnocarpa | Baldhip Rose | #2 pot | 90 cm (36) | |
| | vov | 2 | Vaccinium ovatum | Evergreen Huckleberry | #2 pot | 90 cm (36") | Nursery grown, well established |
| **Ground Covers** | | | | | | | |
| | arc | 211 | Arctostaphylos uva-ursi | Kinnikinnik | #1 pot | 45 cm (18") | Nursery grown, well established |
| | lul | 58 | Lupinus littoralis | Seashore Lupine | #1 pot | As Shown | Nursery grown, well established |
| | mhn | 355 | Mahonia nervosa | Cascade Oregon Grape | #1 pot | As Shown | Nursery grown, well established |
| **Perennials, Ferns and Ornamental Grasses** | | | | | | | |
| | hel | 68 | Helictotrichon sempervirens | Blue Oat Grass | #1 pot, 6" leads | 60 cm (24") | Nursery grown, well established |
| | pen | 238 | Pennisetum alopecuroides 'Hameln' | Dwarf Fountain Grass | #1 pot, 6"leads | 45cm (18") | Nursery grown, well established |
| | pmn | 291 | Polystichum munitum | Western Sword Fern | #1 pot | 75 cm (30") | Nursery grown, well established |
| | | 302 | x Perennial Mix | | | | |
| | | | Anemone var japonica | Japanese Anemone | #1 pot, 6" leads | 30 cm (12") oc | Nursery grown, well established dense plant |
| | | | Echinacea purpurea | Purple Cone Flower | #1 pot, 6" leads | 30 cm (12") oc | Nursery grown, well established dense plant |
| | | | Euphorbia cyparissias | Cypress Spurge | #1 pot, 6" leads | 30 cm (12") oc | Nursery grown, well established dense plant |
| | | | Heuchera sanguinea | Coral Bells | #1 pot, 6" leads | 30 cm (12") oc | Nursery grown, well established dense plant |
| | | | Rudbeckia fulgida | Black-Eyed Susan | #1 pot, 6" leads | 30 cm (12") oc | Nursery grown, well established dense plant |

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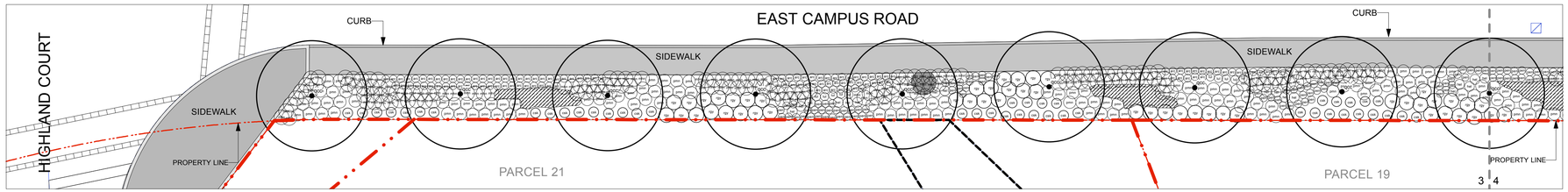
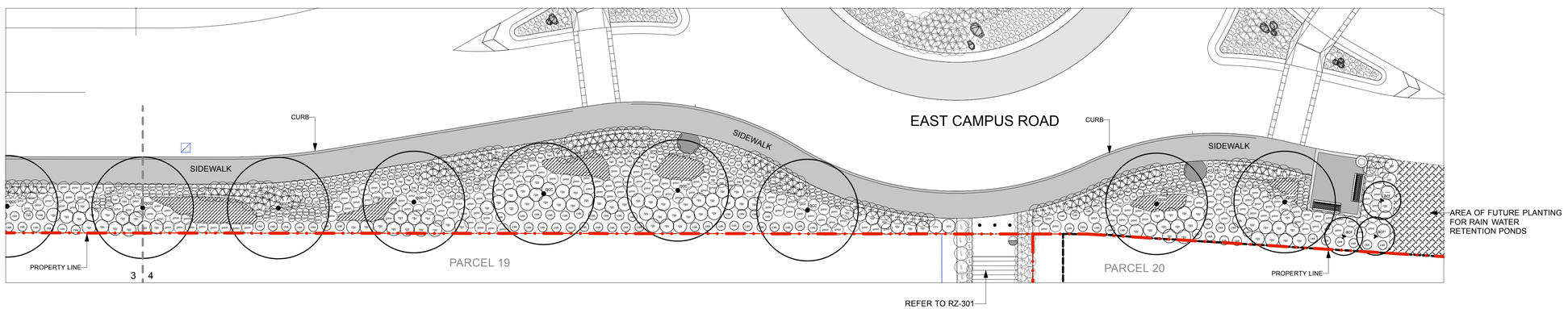



2 East Campus Road Planting
1:150




3 East Campus Road Planting
1:150

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Vancouver BC Canada V6E 2V2

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REVISIONS AND ISSUES

| NO. | DATE | DESCRIPTION |
|---|---|---|
| 0 | 2008/09/17 | Issued for Review |
| 1 | 2008/10/01 | Issued for Rezoning Application |
| 2 | 2009/08/27 | Issued for Review |
| 3 | 2010/05/26 | Issued to the City |
| 4 | 2010/07/07 | Issue for Final Submission |
| 5 | 2010/07/26 | Issued for Final Submission |

PROJECT
**Phase 3**

UniverCity ON BURNABY MOUNTAIN

DRAWING TITLE
Phase 3
East Campus Road
Streetscape

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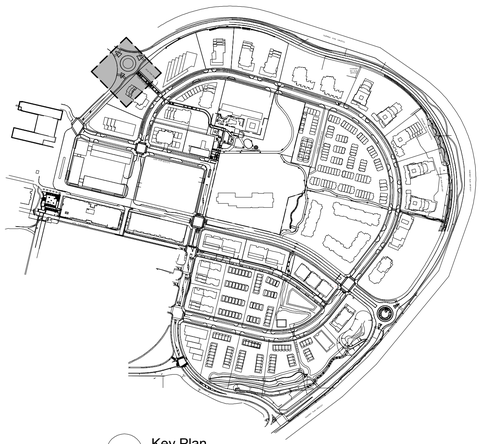
NORTH | SCALE 1:150

| | | | |
|---|---|---|---|
| PROJECT NO. | 0824 | | |
| DATE | July 26,2010 | | |
| FILE NAME | 1023 RZ 302 303 304 East Campus Road.vwx | | |
| PLOTTED | 7/28/10 at 11:43:07 AM | | |
| DRAWN | CO | REVIEWED | JW |

DRAWING
RZ-303



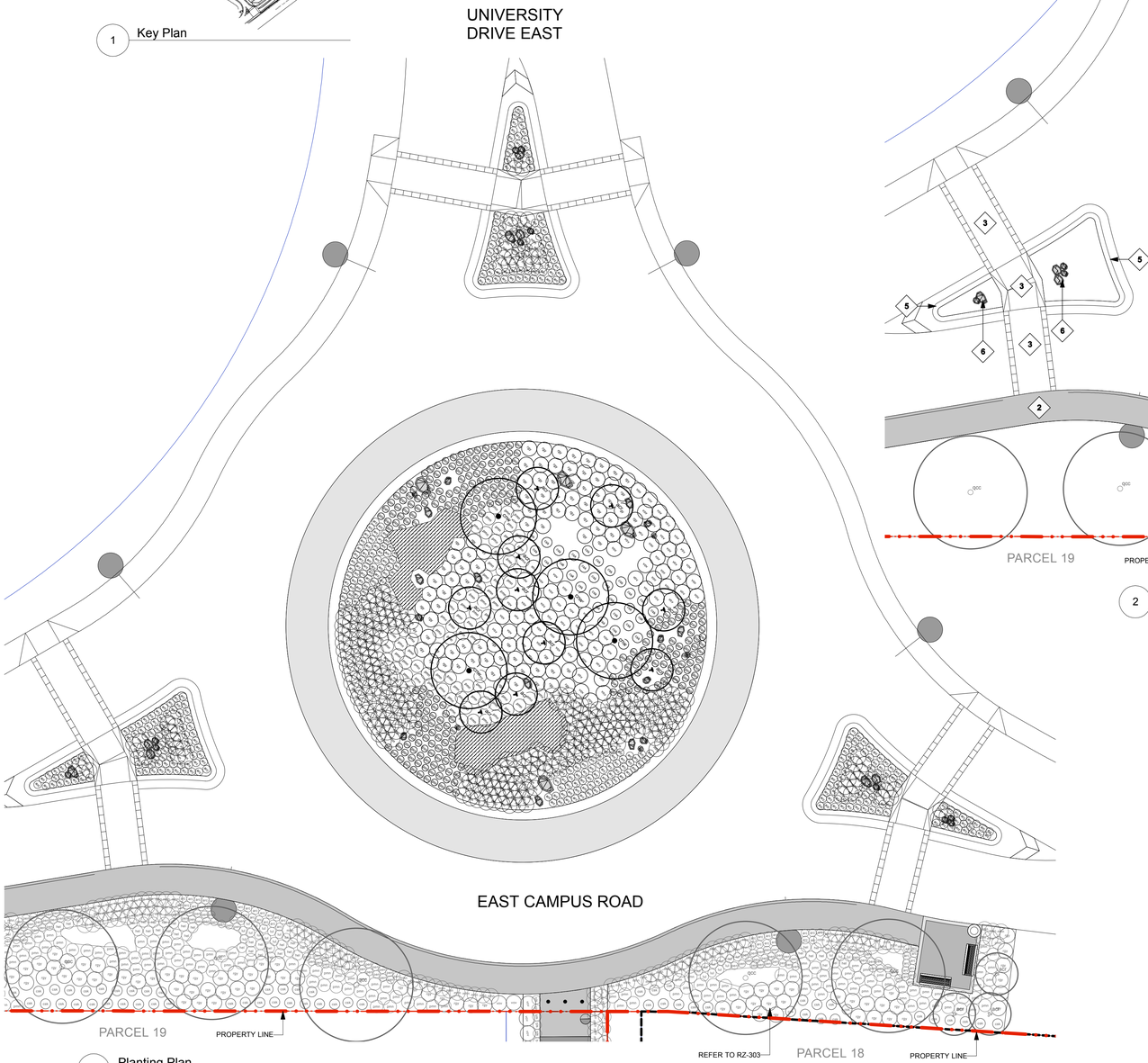
1 Key Plan

## MATERIALS LEGEND

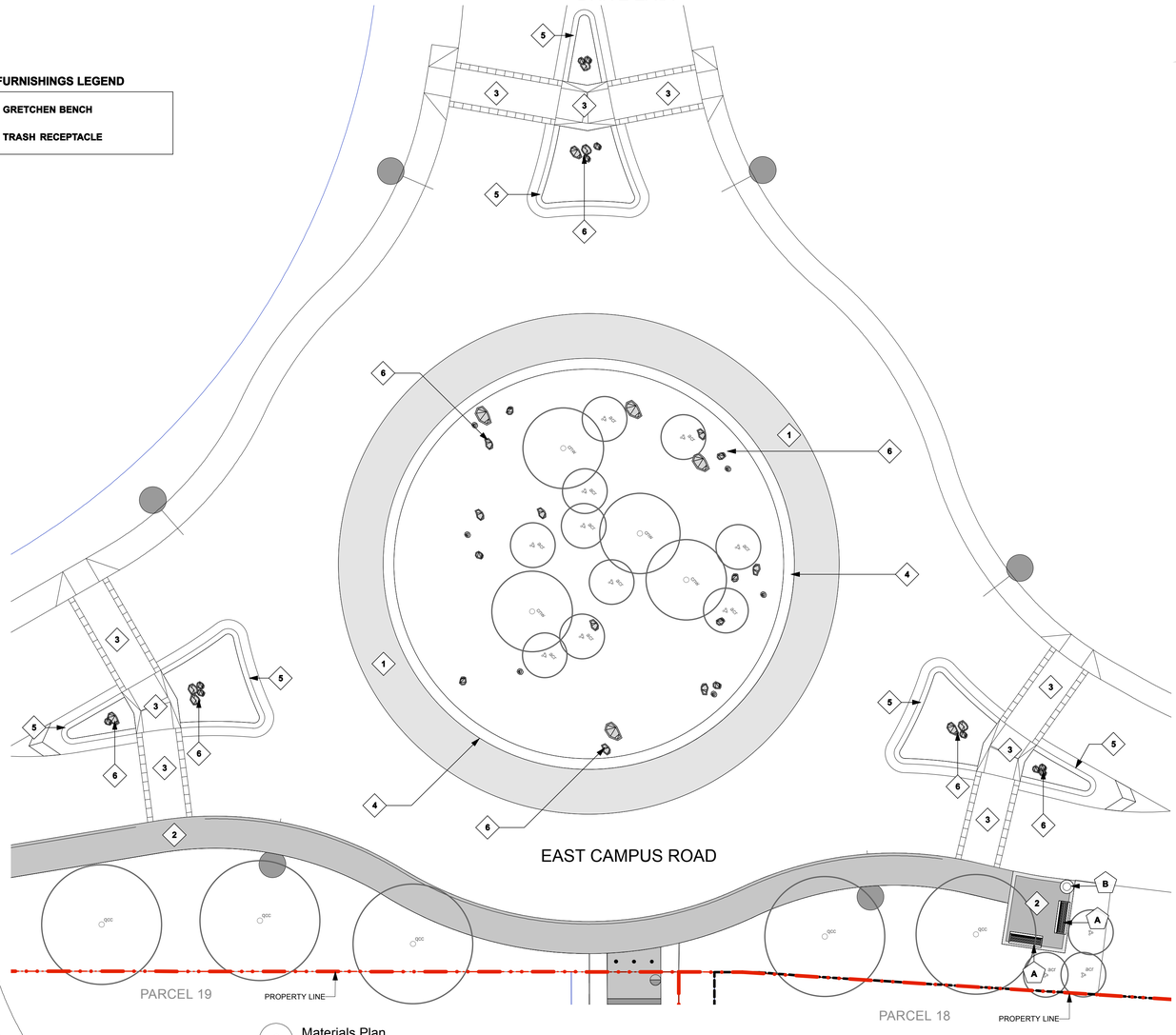
| | |
|---|---|
| 1 | **CONCRETE UNIT PAVERS**<br>TYPE: JUMBO HOLLAND, 80 mm THICK<br>COLOUR: GREY<br>PATTERN: RADIAL RUNNING BOND PARALLEL WITH CURB |
| 2 | **CONCRETE UNIT PAVERS**<br>TYPE: JUMBO HOLLAND, 60mm THICK<br>COLOUR: SFU TAUPE<br>PATTERN: RUNNING BOND WITH SOLDIER COURSE PERIMETER |
| 3 | **CONCRETE PAVING**<br>REFER TO CIVIL |
| 4 | **CONCRETE BARRIER CURB**<br>600mm WIDE, 100mm HEIGHT |
| 5 | **CONCRETE BARRIER CURB**<br>REFER TO CIVIL |
| 6 | **SITE BOULDER** |

## FURNISHINGS LEGEND

| | |
|---|---|
| A | **GRETCHEN BENCH** |
| B | **TRASH RECEPTACLE** |




3 Planting Plan
1:150




2 Materials Plan
1:150

# Plant List

*SFU Rezoning: East Campus Road*

| ID | Qty. | Botanical Name | Common Name | Min. Size | Spacing | Remarks |
|---|---|---|---|---|---|---|
| **Trees** | | | | | | |
| acr | 10 | Acer circinatum | Vine Maple | 3.0 m ht. (10' 0" ht.) | As Shown | B&B, Nursery grown, minimum 3 stems |
| cnw | 4 | Cornus nuttallii 'Eddie's White Wonder' | Eddie's White Wonder Dogwo | 5 cm cal. (2" cal.) | As Shown | B&B, Well branched, dense tree |
| pmz | 3 | Pseudotsuga menziesii | Douglas Fir | 2.4 m ht. (8' -0" ht.) | As Shown | B&B, Uniform, dense branching, nursery grown |
| **Shrubs** | | | | | | |
| csk | 30 | Cornus sericea 'Kelseyii' | Kelseyii Dogwood | #2 pot | 60 cm (24") | Nursery grown, well established |
| gsh | 259 | Gaultheria shallon | Salal | #1 pot | 50 cm (20") | |
| rgy | 89 | Rosa gymnocarpa | Baldhip Rose | #2 pot | 90 cm (36) | |
| vov | 72 | Vaccinium ovatum | Evergreen Huckleberry | #2 pot | 90 cm (36") | Nursery grown, well established |
| **Ground Covers** | | | | | | |
| arc | 349 | Arctostaphylos uva-ursi | Kinnikinnik | #1 pot | 45 cm (18") | Nursery grown, well established |
| mhn | 339 | Mahonia nervosa | Cascade Oregon Grape | #1 pot | As Shown | Nursery grown, well established |
| **Perennials, Ferns and Ornamental Grasses** | | | | | | |
| pen | 38 | Pennisetum alopecuroides 'Hameln' | Dwarf Fountain Grass | #1 pot, 6"leads | 45cm (18") | Nursery grown, well established |
| pmn | 81 | Polystichum munitum | Western Sword Fern | #1 pot | 75 cm (30") | Nursery grown, well established |
| | 341 | x Perennial Mix | | | | |
| | | Anemone var japonica | Japanese Anemone | #1 pot, 6" leads | 30 cm (12") oc | Nursery grown, well established dense plant |
| | | Echinacea purpurea | Purple Cone Flower | #1 pot, 6" leads | 30 cm (12") oc | Nursery grown, well established dense plant |
| | | Euphorbia cyparissias | Cypress Spurge | #1 pot, 6" leads | 30 cm (12") oc | Nursery grown, well established dense plant |
| | | Heuchera sanguinea | Coral Bells | #1 pot, 6" leads | 30 cm (12") oc | Nursery grown, well established dense plant |
| | | Rudbeckia fulgida | Black-Eyed Susan | #1 pot, 6" leads | 30 cm (12") oc | Nursery grown, well established dense plant |


PWL partnership

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PROJECT

**Phase 3**

UniverCity ON BURNABY MOUNTAIN

DRAWING TITLE

Phase 3
East Campus Road
Round About


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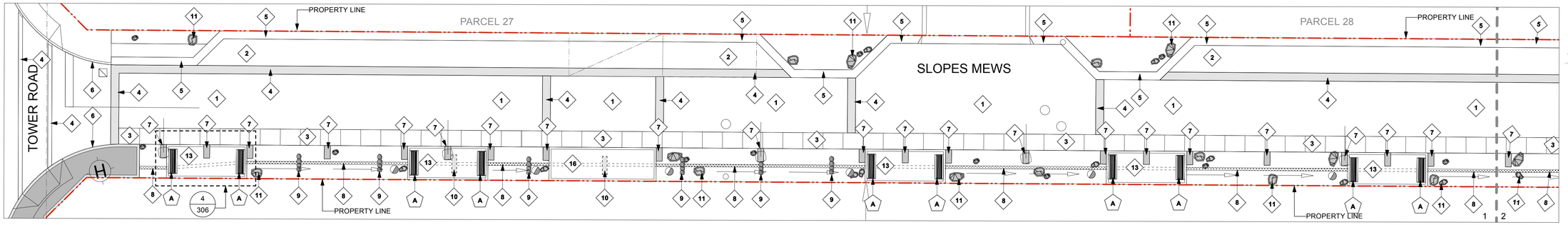
NORTH

SCALE 1:150

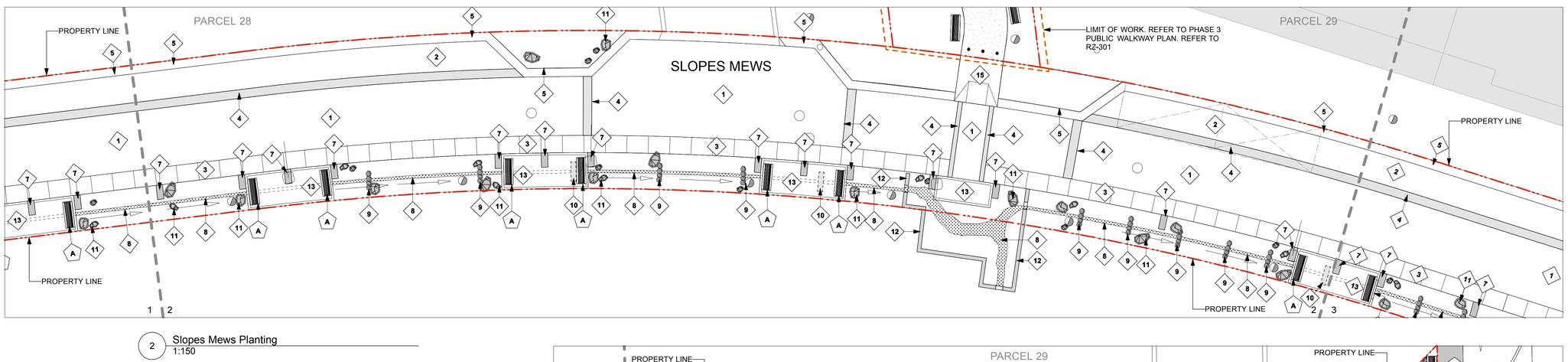
| | |
|---|---|
| PROJECT NO. | 0825 |
| DATE | July 26,2010 |
| FILE NAME | 1023 RZ 302 303 304 East Campus Road.vwx |
| PLOTTED | 7/28/10 at 11:43:18 AM |
| DRAWN | CO |
| REVIEWED | JW |

DRAWING

RZ-304




1 Slopes Mews Planting
1:150



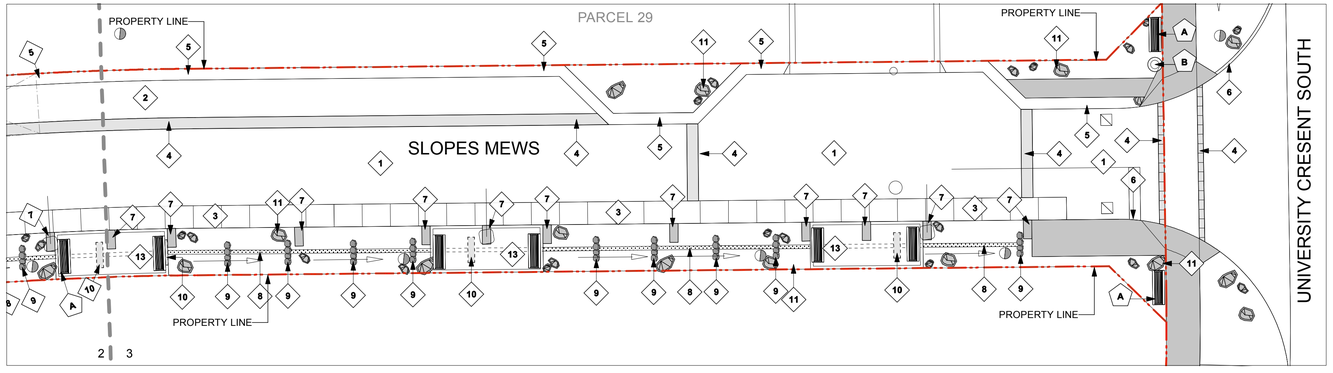

2 Slopes Mews Planting
1:150

## MATERIALS LEGEND

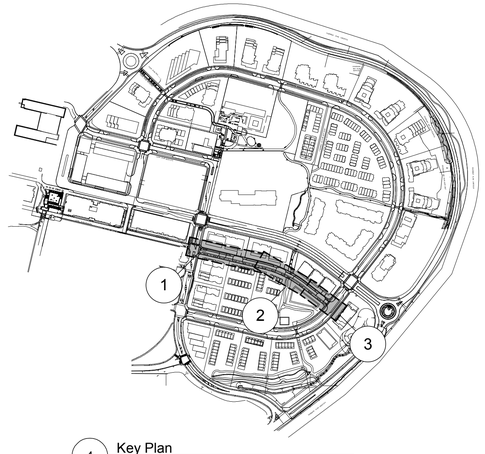
| | |
|---|---|
| 1 | **CONCRETE UNIT PAVERS, heavy duty**<br>SIZE: Jumbo Holland, 4.5x9"<br>COLOUR: SFU TAUPE<br>PATTERN: HERRINGBONE |
| 2 | **PERMEABLE CONCRETE UNIT PAVERS**<br>SIZE: 12x12"<br>COLOUR: SFU TAUPE<br>PATTERN: STACK BOND |
| 3 | **CAST IN PLACE CONCRETE PAVING, heavy duty with texture strips** |
| 4 | **CAST IN PLACE CONCRETE BAND**<br>600 mm Width<br>COLOUR: NATURAL CONCRETE |
| 5 | **CONCRETE BARRIER CURB**<br>100 mm Height, 600 mm Width<br>REFER TO CIVIL DRAWINGS |
| 6 | **CONCRETE BARRIER CURB**<br>100 mm Height min, 150 mm Width<br>REFER TO CIVIL DRAWINGS |
| 7 | **PRECAST CONCRETE PLINTH** |
| 8 | **DRAIN ROCK** |
| 9 | **ROCK WEIR** |
| 10 | **ROCK WEIR BELOW STRUCTURE** |
| 11 | **SITE BOULDER** |
| 12 | **CONCRETE RETAINING WALL** |
| 13 | **RESIDENTIAL ENTRY PAD WITH CONCRETE UNIT PAVERS**<br>SEE DETAIL, REFER TO CIVIL FOR STRUCTURE |
| 15 | **PARK ENTRY PAD WITH CONCRETE UNIT PAVERS**<br>TYPE: Manor Square, 6x12"<br>COLOUR: SFU TAUPE<br>PATTERN: RUNNING BOND PARALLEL TO PEDESTIAN TRAFFIC<br>REFER TO CIVIL FOR STRUCTURE |
| 16 | **RESIDENTIAL ENTRY DRIVE PAD CONCRETE UNIT PAVERS, heavy duty**<br>SIZE: Jumbo Holland, 4.5x9"<br>COLOUR: SFU TAUPE<br>PATTERN: HERRINGBONE |

## FURNITURE LEGEND

| | |
|---|---|
| A | **BENCH**<br>GRETCHEN BENCH BY LANDSCAPE FORMS |
| B | **TRASH RECEPTACLE**<br>MODEL S-42 WITH DOME LID BY VICTOR STANLEY |



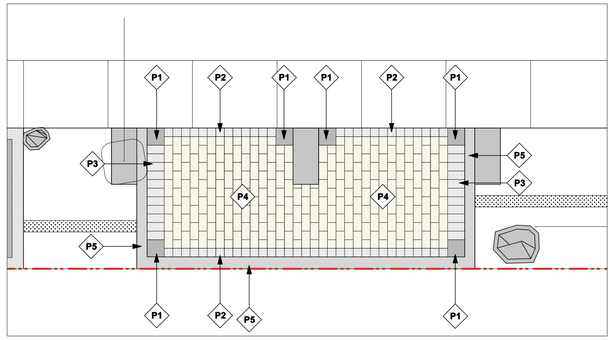

3 Slopes Mews Planting
1:150




4 Key Plan

## RESIDENTIAL CONCRETE DECK PAVER DETAIL LEGEND

| | |
|---|---|
| P1 | COLOR: CHARCOAL<br>SIZE: 12"x12"x60mm<br>TYPE: MANOR SQUARE<br>PATTERN: STACK<br>FINISH: SHOT BLAST |
| P2 | COLOR: GREY<br>SIZE: 6"x6"x60mm<br>TYPE: MANOR SQUARE<br>PATTERN: STACK<br>FINISH: SHOT BLAST |
| P3 | COLOR: GREY<br>SIZE: 6"x12"x60mm<br>TYPE: MANOR SQUARE<br>PATTERN: STACK<br>FINISH: SHOT BLAST |
| P4 | COLOR: SFU TAUPE<br>SIZE: 6"x12"x60mm<br>TYPE: MANOR SQUARE<br>PATTERN: RUNNING BOND<br>FINISH: SHOT BLAST |
| P5 | CONCRETE UPSTAND PERIMETER OF CONCRETE DECK BELOW PAVERS. REFER TO CIVIL |




4 Paving layout on residential access (future) concrete deck
1:50


**PWL partnership**

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PROJECT

**Phase 3**

UniverCity ON BURNABY MOUNTAIN

DRAWING TITLE

# Phase 3 Slopes Mews Materials


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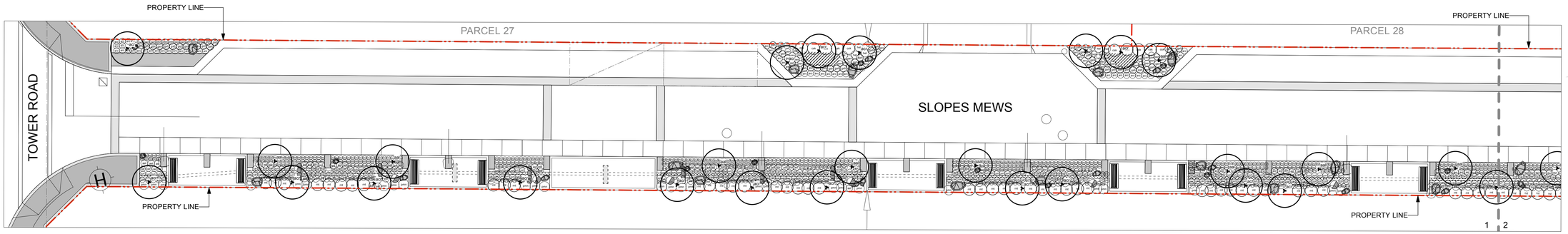
NORTH

SCALE 1:150

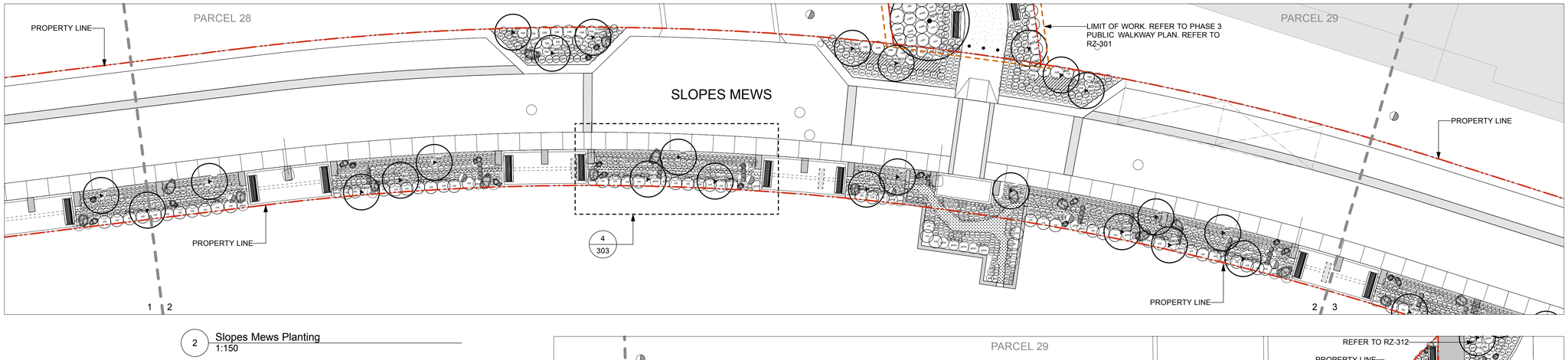
| | | | |
|---|---|---|---|
| PROJECT NO. | 0825 | | |
| DATE | July 26,2010 | | |
| FILE NAME | 1023 RZ 305 306 311 312 Phase 3 Slopes Mews St | | |
| PLOTTED | 7/28/10 at 11:44:52 AM | | |
| DRAWN | CO | REVIEWED | JW |

DRAWING

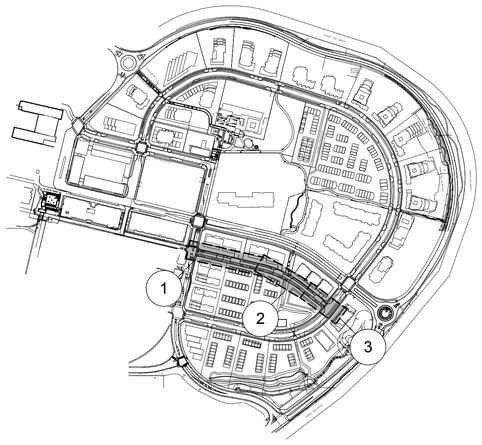
RZ-306



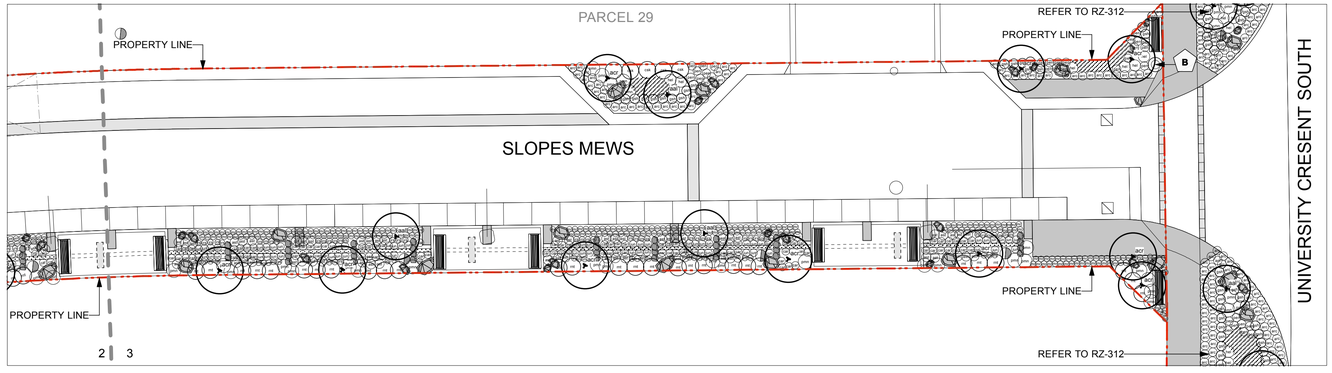

1 Slopes Mews Planting
1:150



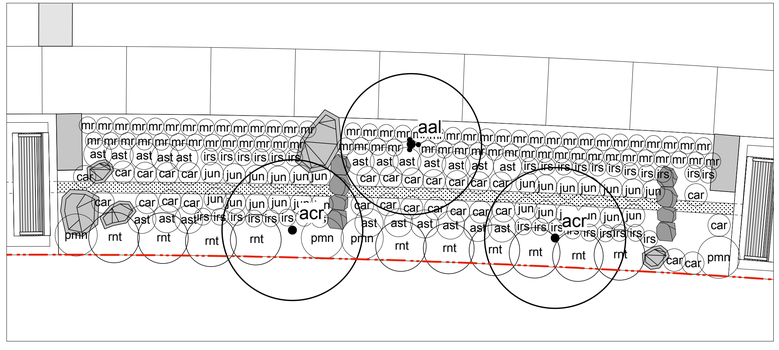

2 Slopes Mews Planting
1:150




4 Key Plan




3 Slopes Mews Planting
1:150




4 Detail Blow-up of Typical Planting Section
1:50

# Plant List

*SFU Rezoning: Slopes Mews*

| ID | Qty. | Botanical Name | Common Name | Min. Size | Spacing | Remarks |
|---|---|---|---|---|---|---|
| **Trees** | | | | | | |
| acr | 42 | Acer circinatum | Vine Maple | 2.4m ht. (8' 0" ht.) | As Shown | B&B, Nursery grown, minimum 3 stems |
| aal | 20 | Amelanchier alnifolia | Saskatoon Serviceberry | 3.0 m ht. (9'-0" ht.) | As Shown | B&B, Multi-stemmed, dense tree, nursery grown. |
| **Shrubs** | | | | | | |
| csk | 28 | Cornus sericea 'Kelseyii' | Kelseyii Dogwood | #2 pot | 60 cm (24") | Nursery grown, well established |
| gsh | 129 | Gaultheria shallon | Salal | #1 pot | 50 cm (20") | |
| lop | 16 | Lonicera pileata | Privet Honeysuckle | #2 pot | 75 cm (30") | Nursery grown, well established dense plant |
| rnt | 124 | Rosa nutkana | Nootka Rose | #2 pot | As Shown | Nursery grown, well established |
| **Ground Covers** | | | | | | |
| arc | 200 | Arctostaphylos uva-ursi | Kinnikinnik | #1 pot | 45 cm (18") | Nursery grown, well established |
| mr | 943 | Mahonia repens | Berberidaceae | | 30 cm (12") | Nursery grown, well established |
| **Perennials, Ferns and Ornamental Grasses** | | | | | | |
| ast | 276 | Aster subspicatus | Douglas Aster | | As Shown | Nursery grown, well established |
| car | 422 | Carex rostrata | Beaked Sedge | | As Shown | Nursery grown, well established |
| hel | 27 | Helictotrichon sempervirens | Blue Oat Grass | #1 pot, 6" leads | 60 cm (24") | Nursery grown, well established |
| irs | 427 | Iris missouriensis | Rocky Mountain Iris | | As Shown | Nursery grown, well established |
| jun | 358 | Juncus effusus | Common Rush | | As Shown | Nursery grown, well established |
| pen | 110 | Pennisetum alopecuroides 'Hameln' | Dwarf Fountain Grass | #1 pot, 6"leads | 45cm (18") | Nursery grown, well established |
| pmn | 86 | Polystichum munitum | Western Sword Fern | #2 pot | As Shown | Nursery grown, well established |
| | 224 | Perennial Mix | | | | |
| | | Anemone var japonica | Japanese Anemone | #1 pot, 6" leads | 30 cm (12") oc | Nursery grown, well established dense plant |
| | | Echinacea purpurea | Purple Cone Flower | #1 pot, 6" leads | 30 cm (12") oc | Nursery grown, well established dense plant |
| | | Euphorbia cyparissias | Cypress Spurge | #1 pot, 6" leads | 30 cm (12") oc | Nursery grown, well established dense plant |
| | | Heuchera sanguinea | Coral Bells | #1 pot, 6" leads | 30 cm (12") oc | Nursery grown, well established dense plant |
| | | Rudbeckia fulgida | Black-Eyed Susan | #1 pot, 6" leads | 30 cm (12") oc | Nursery grown, well established dense plant |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PROJECT

Phase 3

UniverCity ON BURNABY MOUNTAIN

DRAWING TITLE

Phase 3
Slopes Mews
Planting


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NORTH

SCALE

As Shown

| | |
|---|---|
| PROJECT NO. | 0825 |
| DATE | July 26,2010 |
| FILE NAME | 1023 RZ 305 306 311 312 Phase 3 Slopes Mews Sta |
| PLOTTED | 7/28/10 at 11:44:39 AM |
| DRAWN | CO |
| REVIEWED | JW |

DRAWING

RZ-305

# Plant List

*0824: University Crescent*

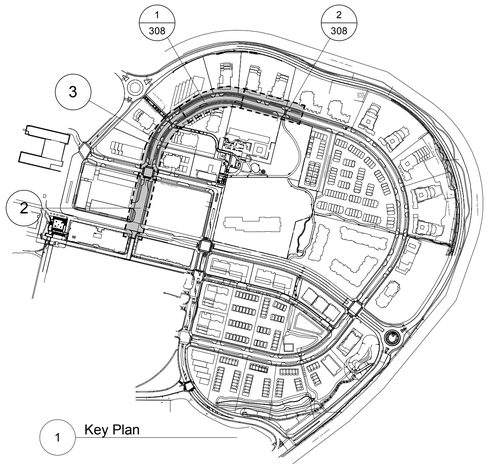
| ID | Qty. | Botanical Name | Common Name | Min. Size | Spacing | Remarks |
|---|---|---|---|---|---|---|
| **Trees** | | | | | | |
| acr | 22 | Acer circinatum | Vine Maple | 2.4m ht. (8' 0" ht.) | As Shown | B&B, Nursery grown, minimum 3 stems |
| apq | 41 | Acer platanoides 'Emerald Queen' | Emerald Queen Maple | 8 cm cal. (3" cal.) | As Shown | B&B, Uniform branching, dense tree, 7' (2.1 m) std. |
| arm | 8 | Acer rubrum 'Morgan' | Morgan Red Maple | 8 cm cal. (3" cal.) | As Shown | B&B, Uniform branching, dense tree, 7' (2.1 m) std. |
| aal | 22 | Amelanchier alnifolia | Saskatoon Serviceberry | 3.0 m ht. (9'-0" ht.) | As Shown | B&B, Multi-stemmed, dense tree, nursery grown. |
| pmz | 2 | Pseudotsuga menziesii | Douglas Fir | 2.4 m ht. (8' -0" ht.) | As Shown | B&B, Uniform, dense branching, nursery grown |
| **Shrubs** | | | | | | |
| gsh | 334 | Gaultheria shallon | Salal | #1 pot | 50 cm (20") | |
| lop | 108 | Lonicera pileata | Pivet Honeysuckle | #2 pot | 80 cm (31") | Nursery grown, well established dense plant |
| **Ground Covers** | | | | | | |
| arc | 1,512 | Arctostaphylos uva-ursi | Kinnikinnik | #1 pot | 45 cm (18") | Nursery grown, well established |
| **Perennials, Ferns and Ornamental Grasses** | | | | | | |
| an | 162 | Anemone var japonica | Japanese Anemone | #1 pot | 30 cm (12") | Nursery grown, well established |
| cal | 49 | Calamagrostis x acutiflora 'Karl Foerster' | Feather Reed Grass | #1 pot, 6" leads | 80 cm | Nursery grown, well established |
| ep | 213 | Echinacea purpurea | Purple Cone Flower | #1 pot | 30 cm (12") | Nursery grown, well established |
| ec | 186 | Euphorbia cyparissias | Cypress Spurge | #1 pot | 30 cm (12") | Nursery grown, well established |
| hel | 109 | Helictotrichon sempervirens | Blue Oat Grass | #1 pot, 6" leads | 60 cm (24") | Nursery grown, well established |
| hm | 139 | Heuchera micrantha | Small-Flowered Alumroot | #1 pot | 30 cm (12") | Nursery grown, well established |
| pen | 388 | Pennisetum alopecuroides 'Hameln' | Dwarf Fountain Grass | #1 pot, 6"leads | 45cm (18") | Nursery grown, well established |
| pmn | 235 | Polystichum munitum | Western Sword Fern | #2 pot | 75 cm (30") | Nursery grown, well established |
| rf | 240 | Rudbeckia fulgida | Black-Eyed Susan | #1 pot | 30 cm (12") | Nursery grown, well established |

## CITY OF BURNABY GENERAL PLANTING NOTES:

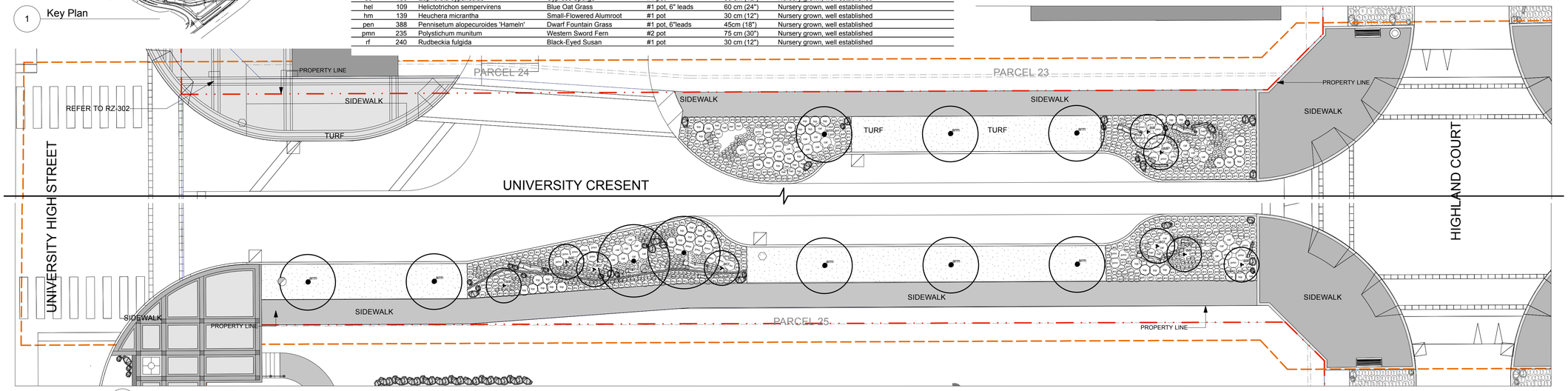
1. NO LARGE SCALE TREES (CONIFEROUS / DECIDUOUS) TO CONFLICT WITH THE STREETLIGHTS THAT ARE ADJACENT WITH THE PLANTING BULGES IN THE BOULEVARD AREAS.
2. ALL SHRUB AND / OR GROUND-COVER MATERIAL PLANTED IN THE PARKING BUMP OUTS THAT IS ABOVE 1.0m IN HEIGHT MUST BE PLANTED WITH THE STANDARD BOULEVARD AREA AND NOT EXTEND INTO THE STREETSCAPE WHERE IT MAY BLOCK VIEWS.
4. ALL CONIFERS IN THE BUMP OUT AREAS TO BE PLANTED IN BOULEVARD ZONE, NOT WITHIN THE STREET ZONE.
3. NO SHRUB AND OR GROUND-COVER MATERIAL TO BLOCK VIEWS OF FIRE HYDRANTS.
4. PLANT MATERIAL LOCATIONS MAY BE ADJUSTED IN FIELD TO ENSURE ALL SITE LINES ARE CLEAR. ALL LOW MATERIAL TO BE PLANTED AT THE STREET EDGE AND LARGER MATERIAL SHALL BE PLANTED AT THE EDGE OF THE SIDEWALK.
5. THE CITY OF BURNABY ENGINEERING AND PARKS DEPARTMENT TO REVIEW ALL PLANTING LOCATIONS PRIOR TO INSTALLATION OF MULCH MATERIAL.
6. BRENT ROBERTSON FROM THE THE CITY OF BURNABY TO APPROVE ALL STAKED STREET TREES PRIOR TO PLANTING OF ANY STREET TREES. CONTRACTOR TO COORDINATE WITH CITY OF BURNABY.

## PLANTING GENERAL NOTES

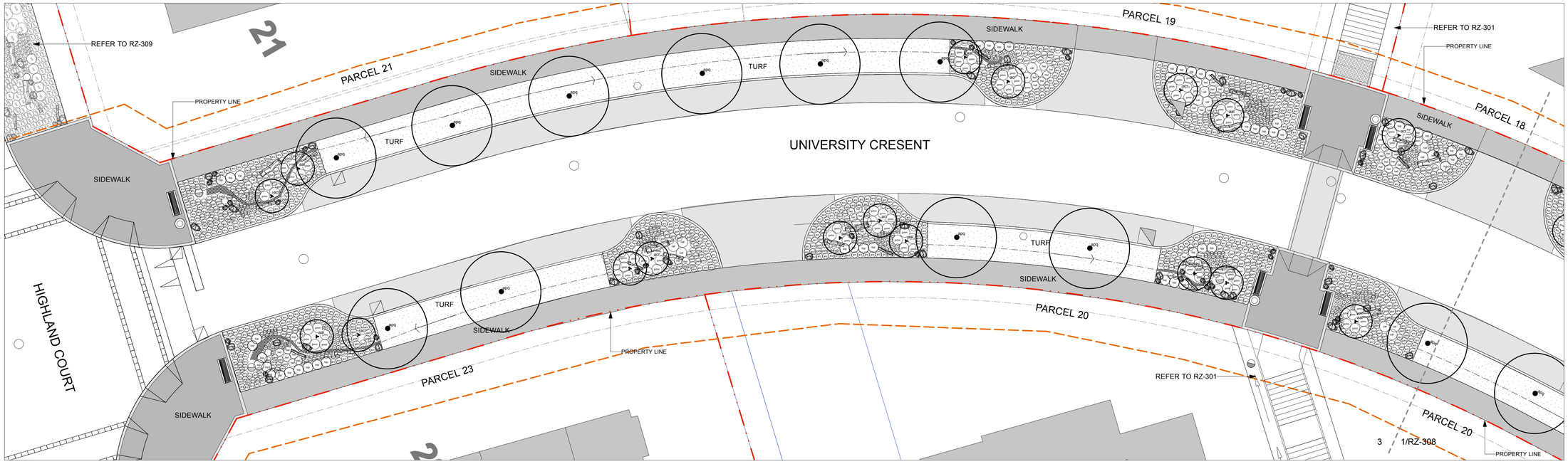
1. ALL PLANTS ARE TO CONFORM TO THE STANDARD SPECIFIED IN THE LATEST EDITION OF THE BC LANDSCAPE STANDARD. THE STANDARD IS PUBLISHED BY THE BC SOCIETY OF LANDSCAPE ARCHITECTS AND BC LANDSCAPE AND NURSERY ASSOCIATION.
2. SEARCH AREA FOR PLANT MATERIAL IS TO INCLUDE ALL OF WESTERN NORTH AMERICA.
3. PLANT MATERIAL SIZES SPECIFIED IN THE PLANT LIST ARE THE MINIMUM ACCEPTABLE SIZES FOR MATERIAL SUPPLIED FOR THIS PROJECT.
4. PLANTS WILL BE WELL ESTABLISHED AND UNIFORM IN SHAPE.
5. PLANTS WILL BE NUSERY GROWN UNLESS NOTED OTHERWISE.
6. THE CONTRACTOR SHALL PROVIDE A GROWING MEDIUM ANALYSIS FOR REVIEW BY THE CONSULTANT AS PER SECTION 02212 PRIOR TO THE START OF CONSTRUCTION. GROWING MEDIUM SUPPLIED TO THE SITE OR PLACED ON SITE PRIOR TO REVIEW BY THE CONSULTANT WILL BE REJECTED.
7. CONTRACTOR TO CONFIRM PLANT QUANTITIES ON DRAWING CORRESPOND TO THOSE INDICATED ON THE PLANT LIST. REPORT ANY DISCREPANCIES TO CONSULTANT FOR REVIEW AND RESPONSE.
8. PLANT LIST IS TO BE READ IN CONJUNCTION WITH SPECIFICATION SECTION 02950.
9. PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR IS TO CONFIRM THE AVAILABILITY OF PLANT MATERIAL AS PER SECTION 02950. PLANT SUBSTITUTIONS NOT CONFIRMED WITH THE CONSULTANT IN WRITING WILL BE REJECTED.




1 Key Plan




2 University Cresent Planting Plan
1:150




3 University Cresent Planting Plan
1:150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REVISIONS AND ISSUES

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|---|---|---|
| 0 | 2008/09/17 | Issued for Review |
| 1 | 2008/10/01 | Issued for Rezoning Application |
| 2 | 2009/08/27 | Issued for Review |
| 3 | 2010/05/26 | Issued to City |
| 4 | 2009/07/07 | Issue for Final Submission |
| 5 | 2010/07/26 | Issued for Finnal Submission |

PROJECT

**Phase 3**

UniverCity ON BURNABY MOUNTAIN

DRAWING TITLE

Phase 3
University Cresent
Planting Plan


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NORTH

SCALE 1:150

| | |
|---|---|
| PROJECT NO. | 0824 |
| DATE | July 26,2010 |
| FILE NAME | 1023 RZ 307 308 U Cres.vwx |
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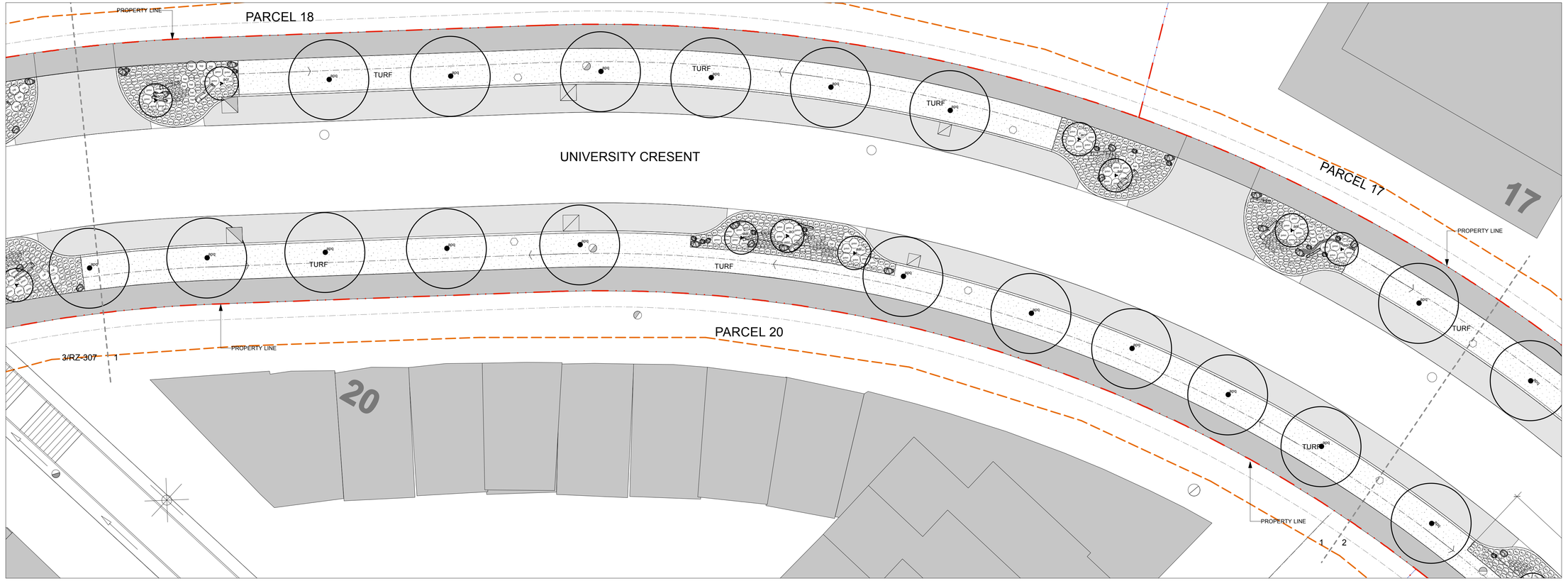
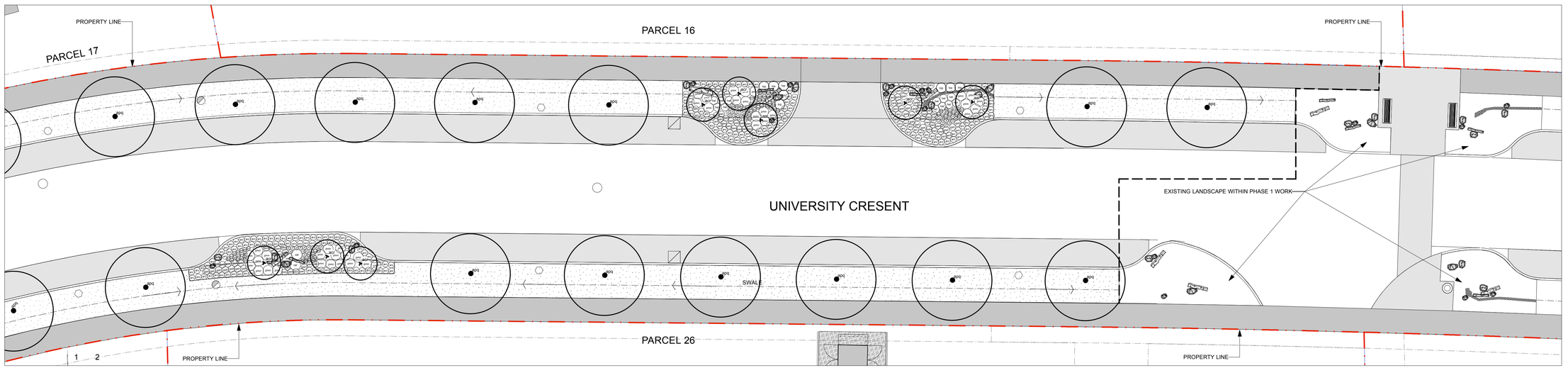
| DRAWN | CO |
| REVIEWED | JW |

DRAWING

RZ-307




1 University Cresent Planting Plan
1:150




2 University Cresent Planting Plan
1:150

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| 4 | 2009/07/07 | Issue for Final Submission |
| 5 | 2010/07/26 | Issued for Finnal Submission |

PROJECT

**Phase 3**

UniverCity ON BURNABY MOUNTAIN

DRAWING TITLE

# Phase 3 University Cresent Planting Plan

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NORTH

SCALE 1:150

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| PROJECT NO. | 0824 |
| DATE | July 26,2010 |
| FILE NAME | 1023 RZ 307 308 U Cres.vwx |
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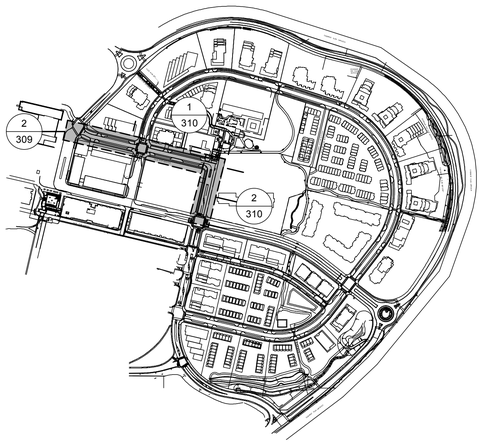
| DRAWN | CO |
| REVIEWED | JW |

DRAWING

RZ-308




1 Key Plan

## CITY OF BURNABY GENERAL PLANTING NOTES:

1. NO LARGE SCALE TREES (CONIFEROUS / DECIDUOUS) TO CONFLICT WITH THE STREETLIGHTS THAT ARE ADJACENT WITH THE PLANTING BULGES IN THE BOULEVARD AREAS.
2. ALL SHRUB AND / OR GROUND-COVER MATERIAL PLANTED IN THE PARKING BUMP OUTS THAT IS ABOVE 1.0m IN HEIGHT MUST BE PLANTED WITH THE STANDARD BOULEVARD AREA AND NOT EXTEND INTO THE STREETSCAPE WHERE IT MAY BLOCK VIEWS.
4. ALL CONIFERS IN THE BUMP OUT AREAS TO BE PLANTED IN BOULEVARD ZONE, NOT WITHIN THE STREET ZONE.
3. NO SHRUB AND OR GROUND-COVER MATERIAL TO BLOCK VIEWS OF FIRE HYDRANTS.
4. PLANT MATERIAL LOCATIONS MAY BE ADJUSTED IN FIELD TO ENSURE ALL SITE LINES ARE CLEAR. ALL LOW MATERIAL TO BE PLANTED AT THE STREET EDGE AND LARGER MATERIAL SHALL BE PLANTED AT THE EDGE OF THE SIDEWALK.
5. THE CITY OF BURNABY ENGINEERING AND PARKS DEPARTMENT TO REVIEW ALL PLANTING LOCATIONS PRIOR TO INSTALLATION OF MULCH MATERIAL.
6. BRENT ROBERTSON FROM THE THE CITY OF BURNABY TO APPROVE ALL STAKED STREET TREES PRIOR TO PLANTING OF ANY STREET TREES. CONTRACTOR TO COORDINATE WITH CITY OF BURNABY.

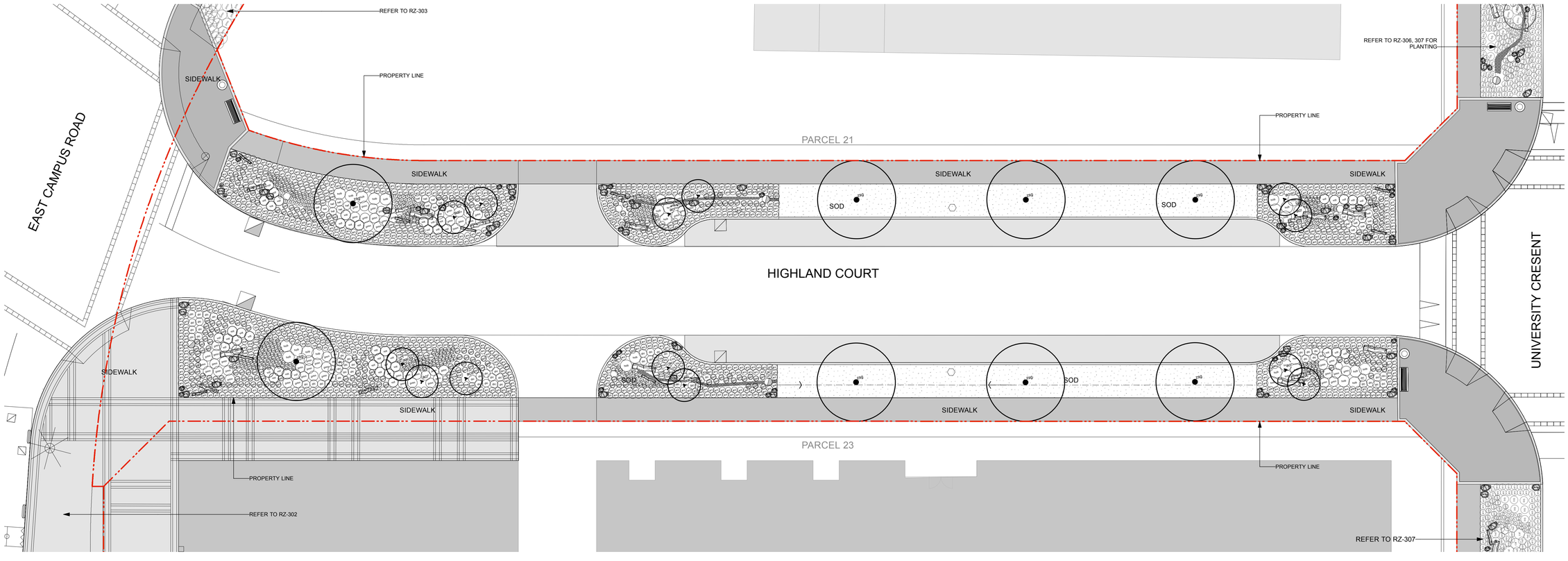
## PLANTING GENERAL NOTES

1. ALL PLANTS ARE TO CONFORM TO THE STANDARD SPECIFIED IN THE LATEST EDITION OF THE BC LANDSCAPE STANDARD. THE STANDARD IS PUBLISHED BY THE BC SOCIETY OF LANDSCAPE ARCHITECTS AND BC LANDSCAPE AND NURSERY ASSOCIATION.
2. SEARCH AREA FOR PLANT MATERIAL IS TO INCLUDE ALL OF WESTERN NORTH AMERICA.
3. PLANT MATERIAL SIZES SPECIFIED IN THE PLANT LIST ARE THE MINIMUM ACCEPTABLE SIZES FOR MATERIAL SUPPLIED FOR THIS PROJECT.
4. PLANTS WILL BE WELL ESTABLISHED AND UNIFORM IN SHAPE.
5. PLANTS WILL BE NURSERY GROWN UNLESS NOTED OTHERWISE.
6. THE CONTRACTOR SHALL PROVIDE A GROWING MEDIUM ANALYSIS FOR REVIEW BY THE CONSULTANT AS PER SECTION 02212 PRIOR TO THE START OF CONSTRUCTION. GROWING MEDIUM SUPPLIED TO THE SITE OR PLACED ON SITE PRIOR TO REVIEW BY THE CONSULTANT WILL BE REJECTED.
7. CONTRACTOR TO CONFIRM PLANT QUANTITIES ON DRAWING CORRESPOND TO THOSE INDICATED ON THE PLANT LIST. REPORT ANY DISCREPANCIES TO CONSULTANT FOR REVIEW AND RESPONSE.
8. PLANT LIST IS TO BE READ IN CONJUNCTION WITH SPECIFICATION SECTION 02950.
9. PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR IS TO CONFIRM THE AVAILABILITY OF PLANT MATERIAL AS PER SECTION 02950. PLANT SUBSTITUTIONS NOT CONFIRMED WITH THE CONSULTANT IN WRITING WILL BE REJECTED.

# Plant List

*SFU Rezoning: Highland Court and Tower Road*

| ID | Qty. | Botanical Name | Common Name | Min. Size | Spacing | Remarks |
|---|---|---|---|---|---|---|
| **Trees** | | | | | | |
| acr | 20 | Acer circinatum | Vine Maple | 2.4m ht. (8' 0" ht.) | As Shown | B&B, Nursery grown, minimum 3 stems |
| arb | 7 | Acer rubrum 'Bowhall' | Bowhall Red Maple | 8 cm cal. (3" cal.) | As Shown | B&B, Uniform branching, dense tree, 7' (2.1 m) std. |
| aal | 7 | Amelanchier alnifolia | Saskatoon Serviceberry | 3.0 m ht. (9'-0" ht.) | As Shown | B&B, Multi-stemmed, dense tree, nursery grown. |
| pmz | 2 | Pseudotsuga menziesii | Douglas Fir | 2.4 m ht. (8' -0" ht.) | As Shown | B&B, Uniform, dense branching, nursery grown |
| zsg | 20 | Zelkova serrata 'Green Vase' | Green Vase Zelkova | 8 cm cal. (3" cal.) | As Shown | B&B, Uniform branching, dense tree, 6' (1.8 m) std. |
| **Shrubs** | | | | | | |
| gsh | 471 | Gaultheria shallon | Salal | #1 pot | 50 cm (20") | |
| vot | 79 | Vaccinium ovatum 'Thunderbird' | Thunderbird Evergreen Huckleberry | #2 pot | 75 cm (30") | Nursery grown, well established |
| **Ground Covers** | | | | | | |
| arc | 1,794 | Arctostaphylos uva-ursi | Kinnikinnik | #1 pot | 45 cm (18") | Nursery grown, well established |
| dic | 89 | Dicentra formosa | Native Bleeding Heart | #1 pot | As Shown | Nursery grown, well established |
| **Perennials, Ferns and Ornamental Grasses** | | | | | | |
| an | 288 | Anemone var japonica | Japanese Anemone | #1 pot | 30 cm (12") | Nursery grown, well established |
| ep | 80 | Echinacea purpurea | Purple Cone Flower | #1 pot | 30 cm (12") | Nursery grown, well established |
| ec | 67 | Euphorbia cyparissias | Cypress Spurge | #1 pot | 30 cm (12") | Nursery grown, well established |
| hel | 53 | Helictotrichon sempervirens | Blue Oat Grass | #1 pot, 6" leads | 60 cm (24") | Nursery grown, well established |
| hm | 135 | Heuchera micrantha | Small-Flowered Alumroot | #1 pot | 30 cm (12") | Nursery grown, well established |
| hob | 67 | Hosta 'Bressingham Blue' | Hosta | #1 pot | 90 cm (36") | Nursery grown, well established |
| lzs | 79 | Luzula sylvatica | Greater Woodrush | #1 pot | 45 cm (18") | Nursery grown, well established |
| mar | 90 | Maianthemum racemosa | False Solomon's Seal | #1 pot | 45 cm (18") | Nursery grown, well established |
| pen | 166 | Pennisetum alopecuroides 'Hameln' | Dwarf Fountain Grass | #1 pot, 6"leads | 45cm (18") | Nursery grown, well established |
| pmn | 143 | Polystichum munitum | Western Sword Fern | #2 pot | 75 cm (30") | Nursery grown, well established |
| rf | 150 | Rudbeckia fulgida | Black-Eyed Susan | #1 pot | 30 cm (12") | Nursery grown, well established |




2 Highland Court Planting Plan
Scale=1:150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| 0 | 2008/09/17 | Issued for Review |
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| 4 | 2010/07/07 | Issue for Final Submission |
| 5 | 2010/07/26 | Issued for Final Submission |

PROJECT

**Phase 3**

UniverCity ON BURNABY MOUNTAIN

DRAWING TITLE

Phase 3
Highland Court and
Tower Road Planting Plan


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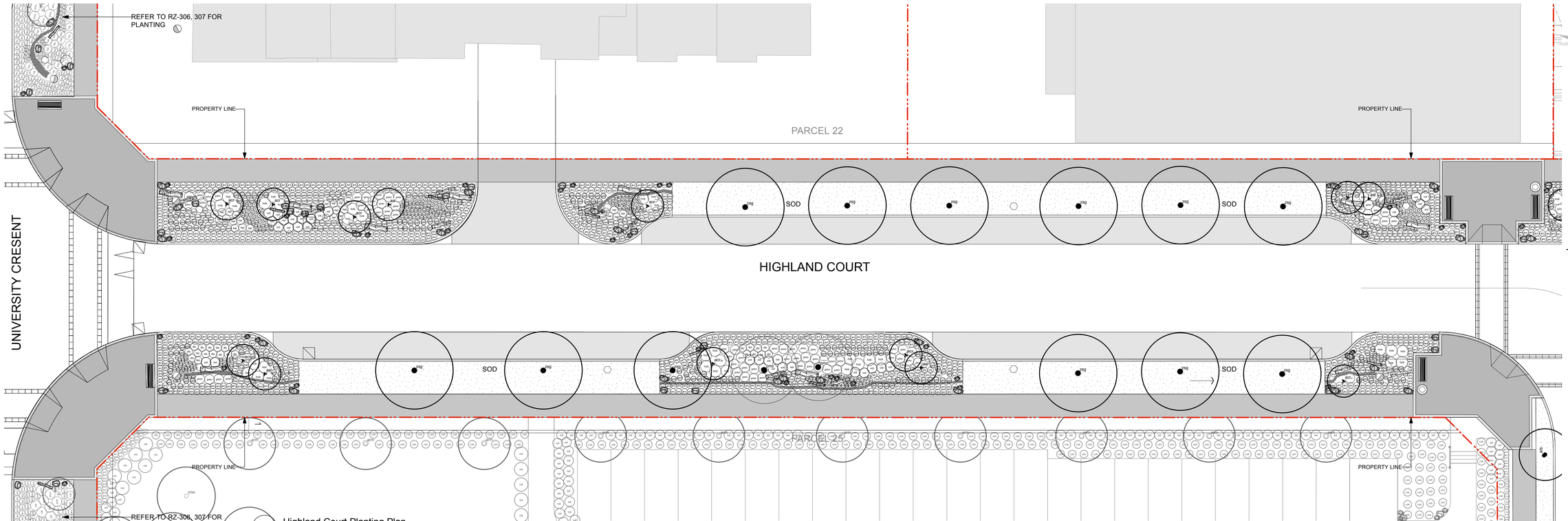
SCALE 1:150

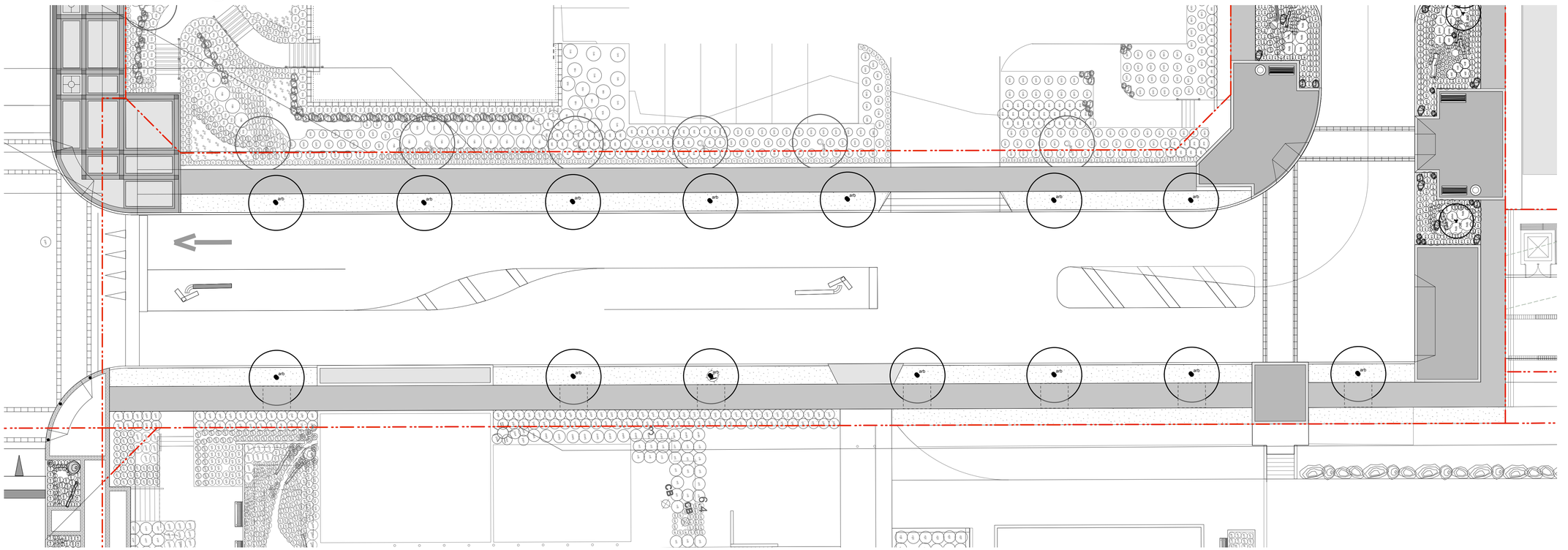
| | |
|---|---|
| PROJECT NO. | 0824 |
| DATE | July 26,2010 |
| FILE NAME | 0826 RZ 309-310 HC and TR.vwx |
| PLOTTED | 7/28/10 at 11:48:41 AM |
| DRAWN | CO |
| REVIEWED | JW |

DRAWING

RZ-309




1 Highland Court Planting Plan
Scale=1:150



2 Tower Road Planting Plan
Scale=1:150

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| 5 | 2010/07/26 | Issued for Final Submission |

PROJECT

**Phase 3**

UniverCity ON BURNABY MOUNTAIN

DRAWING TITLE

Phase 3
Highland Court and
Tower Road Planting Plan

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SCALE 1:150

| | | | |
|---|---|---|---|
| PROJECT NO. | 0824 | | |
| DATE | July 26,2010 | | |
| FILE NAME | 0826 RZ 309-310 HC and TR.vwx | | |
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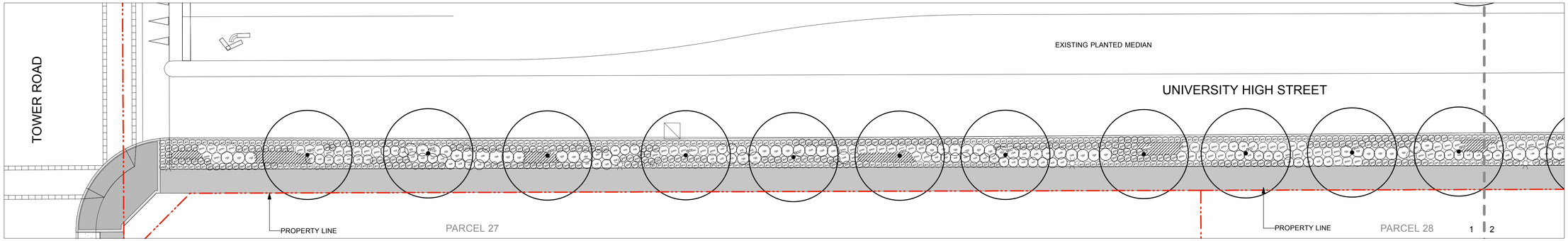
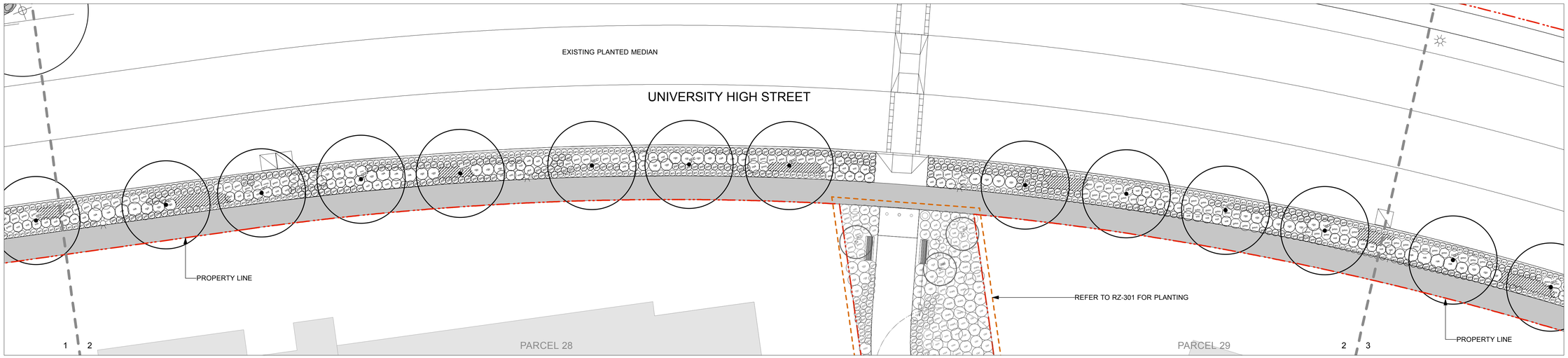
| DRAWN | CO | REVIEWED | JW |

DRAWING

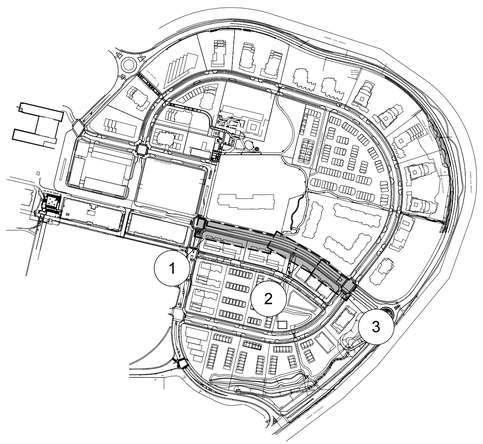
RZ-310



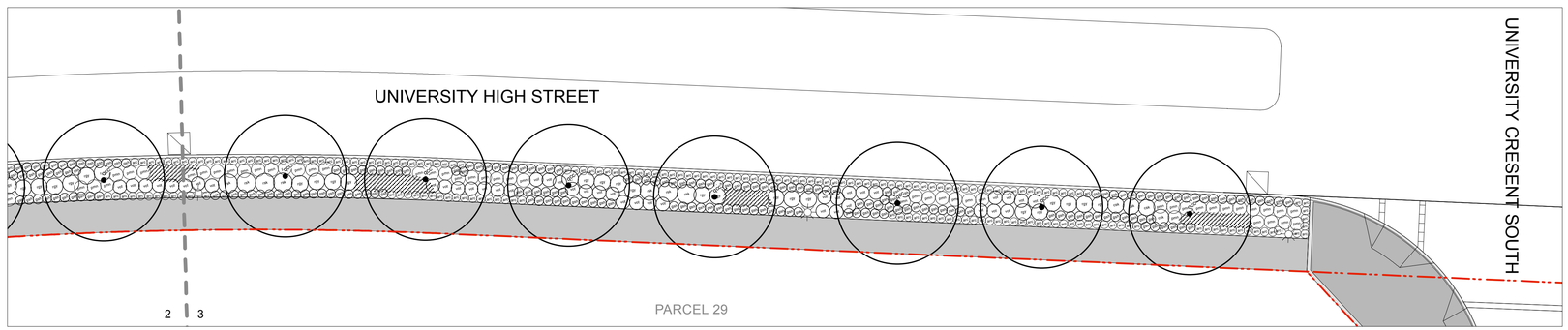

1 University High Street Planting
1:150




2 University High Street Planting
1:150




4 Key Plan




3 University High Street Planting
1:150

FOR PLANT LIST SEE RZ-311

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| 5 | 2010/07/26 | Issued for Final Submission |

PROJECT

Phase 3

UniverCity ON BURNABY MOUNTAIN

DRAWING TITLE

# Phase 3
# High Street Between Tower Road and U. Cresent

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NORTH

SCALE 1:150

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| PROJECT NO. | 0825 |
| DATE | July 26,2010 |
| FILE NAME | 1023 RZ 305 306 311 312 Phase 3 Slopes Mews St |
| PLOTTED | 7/28/10 at 11:45:44 AM |
| DRAWN | CO REVIEWED JW |

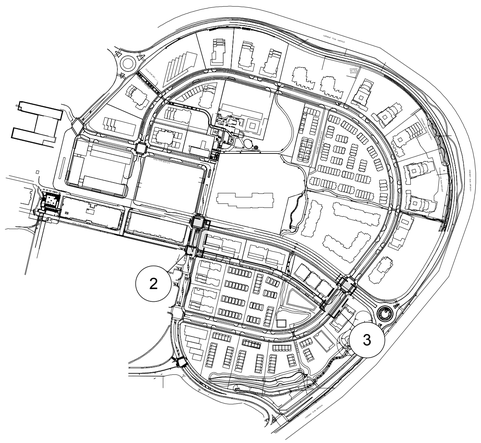
DRAWING

RZ-311

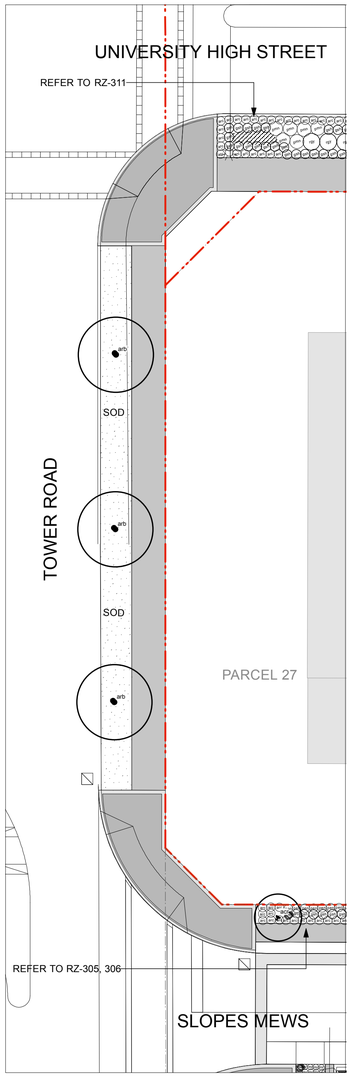
# Plant List

*SFU Rezoning: University High Street, Tower Road and University Cresent South*

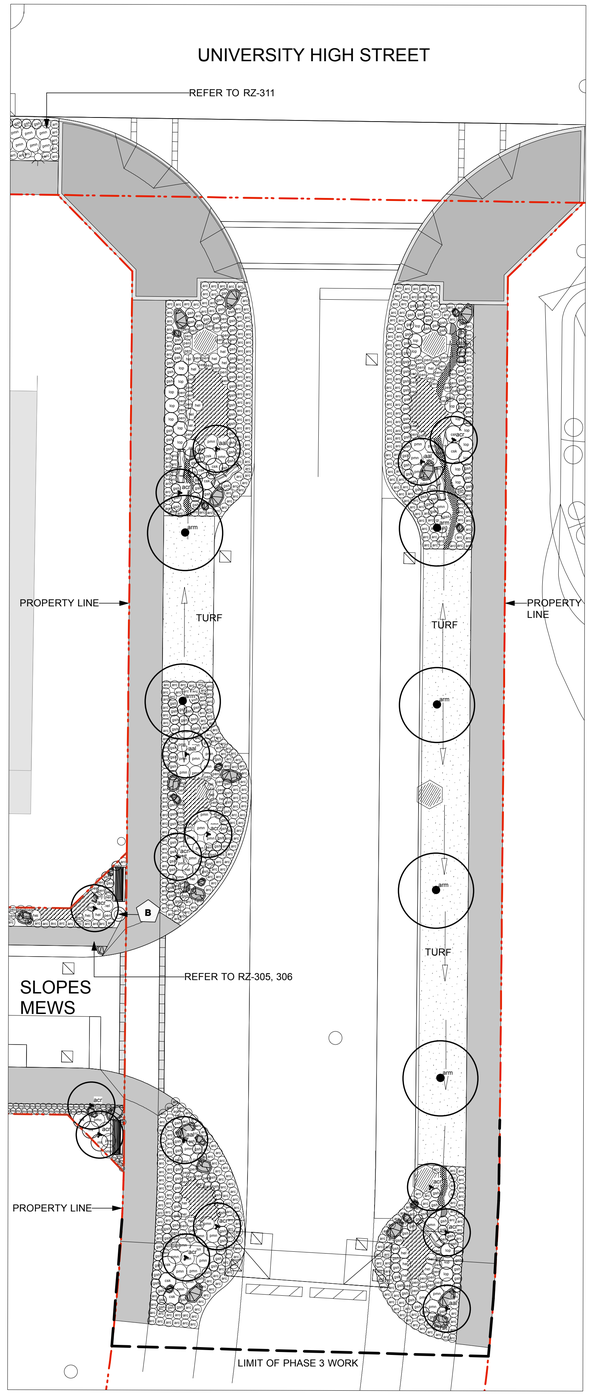
| ID | Qty. | Botanical Name | Common Name | Min. Size | Spacing | Remarks |
|---|---|---|---|---|---|---|
| **Trees** | | | | | | |
| acr | 8 | Acer circinatum | Vine Maple | 2.4m ht. (8' 0" ht.) | As Shown | B&B, Nursery grown, minimum 3 stems |
| arb | 3 | Acer rubrum 'Bowhall' | Bowhall Red Maple | 8 cm cal. (3" cal.) | As Shown | B&B, Uniform branching, dense tree, 7' (2.1 m) std. |
| arm | 6 | Acer rubrum 'Morgan' | Morgan Red Maple | 8 cm cal. (3" cal.) | As Shown | B&B, Uniform branching, dense tree, 7' (2.1 m) std. |
| aal | 5 | Amelanchier alnifolia | Saskatoon Serviceberry | 3.0 m ht. (9'-0" ht.) | As Shown | B&B, Multi-stemmed, dense tree, nursery grown. |
| qcc | 29 | Quercus coccinea | Scarlet Oak | 8 cm cal. (3" cal.) | As Shown | B&B, Uniform branching, dense tree, 7' (2.1 m) std. |
| **Shrubs** | | | | | | |
| csk | 29 | Cornus sericea 'Kelseyii' | Kelseyii Dogwood | #2 pot | 60 cm (24") | Nursery grown, well established |
| gsh | 893 | Gaultheria shallon | Salal | #1 pot | 50 cm (20") | |
| lop | 20 | Lonicera pileata | Privet Honeysuckle | #2 pot | 75 cm (30") | Nursery grown, well established dense plant |
| rsk | 17 | Ribes sanguineum 'King Edward VII' | King Edward VII Flowering | #2 pot | 107 cm (42") | |
| rgy | 87 | Rosa gymnocarpa | Baldhip Rose | #2 pot | 90 cm (36) | |
| vot | 168 | Vaccinium ovatum 'Thunderbird' | Thunderbird Evergreen Huc | #2 pot | 75 cm (30") | Nursery grown, well established |
| **Ground Covers** | | | | | | |
| arc | 1,155 | Arctostaphylos uva-ursi | Kinnikinnik | #1 pot | 45 cm (18") | Nursery grown, well established |
| **Perennials, Ferns and Ornamental Grasses** | | | | | | |
| hel | 23 | Helictotrichon sempervirens | Blue Oat Grass | #1 pot, 6" leads | 60 cm (24") | Nursery grown, well established |
| pen | 105 | Pennisetum alopecuroides 'Hameln' | Dwarf Fountain Grass | #1 pot, 6"leads | 45cm (18") | Nursery grown, well established |
| pmn | 235 | Polystichum munitum | Western Sword Fern | #2 pot | As Shown | Nursery grown, well established |
| | 694 | Perennial Mix | | | | |
| | | Anemone var japonica | Japanese Anemone | #1 pot, 6" leads | 30 cm (12") oc | Nursery grown, well established dense plant |
| | | Echinacea purpurea | Purple Cone Flower | #1 pot, 6" leads | 30 cm (12") oc | Nursery grown, well established dense plant |
| | | Euphorbia cyparissias | Cypress Spurge | #1 pot, 6" leads | 30 cm (12") oc | Nursery grown, well established dense plant |
| | | Heuchera sanguinea | Coral Bells | #1 pot, 6" leads | 30 cm (12") oc | Nursery grown, well established dense plant |
| | | Rudbeckia fulgida | Black-Eyed Susan | #1 pot, 6" leads | 30 cm (12") oc | Nursery grown, well established dense plant |




1 Key Plan




2 Tower Road Planting
1:150




3 University Cresent South Planting
1:150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| 5 | 2010/07/26 | Issued for Final Submission |

PROJECT

**Phase 3**

UniverCity ON BURNABY MOUNTAIN

DRAWING TITLE

Phase 3
University High Street
From U. Cres to Tower Rd


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NORTH

SCALE 1:150

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|---|---|---|---|
| PROJECT NO. | 0825 | | |
| DATE | July 26,2010 | | |
| FILE NAME | 1023 RZ 305 306 311 312 Phase 3 Slopes Mews St | | |
| PLOTTED | 7/28/10 at 11:45:57 AM | | |
| DRAWN | CO | REVIEWED | JW |

DRAWING

RZ-312